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# Metropolitan Housing Characteristics

**CASPER, WYO.**

STANDARD METROPOLITAN STATISTICAL AREA

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# 1980

## Census of Housing

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# 1980

## Census of Housing

VOLUME 2

# Metropolitan Housing Characteristics

**CASPER, WYO.**

HC80-2-111

Issued September 1983



U.S. Department of Commerce  
Malcolm Baldrige, Secretary  
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BUREAU OF THE CENSUS  
C. L. Kincannon, Acting Director

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**BUREAU OF THE CENSUS**  
**C. L. Kincannon, Acting Director**

**HOUSING DIVISION**  
**Arthur F. Young, Chief**

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3	Alaska	43	South Dakota	79	Augusta, Ga.-S.C.	115	Charleston, W. Va.
4	Arizona	44	Tennessee	80	Austin, Tex.		
5	Arkansas	45	Texas			116	Charlotte-Gastonia, N.C.
6	California	46	Utah	81	Bakersfield, Calif.	117	Charlottesville, Va.
7	Colorado	47	Vermont	82	Baltimore, Md.	118	Chattanooga, Tenn.-Ga.
8	Connecticut	48	Virginia	83	Bangor, Maine	119	Chicago, Ill.
9	Delaware	49	Washington	84	Baton Rouge, La.		
10	Not assigned	50	West Virginia	85	Battle Creek, Mich.	120	Chico, Calif.
11	Florida	51	Wisconsin	86	Bay City, Mich.	121	Cincinnati, Ohio-Ky.-Ind.
12	Georgia	52	Wyoming	87	Beaumont-Port Arthur- Orange, Tex.	122	Clarksville-Hopkinsville, Tenn.-Ky.
13	Hawaii	53	Puerto Rico	88	Bellingham, Wash.	123	Cleveland, Ohio
14	Idaho	54	Not assigned	89	Benton Harbor, Mich.	124	Colorado Springs, Colo.
15	Illinois	55	Not assigned	90	Billings, Mont.	125	Columbia, Mo.
16	Indiana	56	Not assigned	91	Biloxi-Gulfport, Miss.	126	Columbia, S.C.
17	Iowa	57	Not assigned	92	Binghamton, N.Y.-Pa.	127	Columbus, Ga.-Ala.
18	Kansas	58	Abilene, Tex.	93	Birmingham, Ala.	128	Columbus, Ohio
19	Kentucky	59	Akron, Ohio	94	Bismarck, N. Dak.	129	Corpus Christi, Tex.
20	Louisiana	60	Albany, Ga.	95	Bloomington, Ind.	130	Cumberland, Md.-W. Va.
21	Maine			96	Bloomington-Normal, Ill.	131	Dallas-Fort Worth, Tex.
22	Maryland	61	Albany-Schenectady- Troy, N.Y.	97	Boise City, Idaho	132	Danbury, Conn.
23	Massachusetts	62	Albuquerque, N. Mex.	98	Boston, Mass.	133	Danville, Va.
24	Michigan	63	Alexandria, La.	99	Bradenton, Fla.	134	Davenport-Rock Island- Moline, Iowa-Ill.
25	Minnesota	64	Allentown-Bethlehem-Easton, Pa.-N.J.	100	Bremerton, Wash.	135	Dayton, Ohio
26	Mississippi	65	Altoona, Pa.	101	Bridgeport, Conn.		
27	Missouri			102	Bristol, Conn.	136	Daytona Beach, Fla.
28	Montana	66	Amarillo, Tex.	103	Brockton, Mass.	137	Decatur, Ill.
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30	Nevada			105	Bryan-College Station, Tex.	139	Des Moines, Iowa
31	New Hampshire	68	Anchorage, Alaska			140	Detroit, Mich.
32	New Jersey	69	Anderson, Ind.	106	Buffalo, N.Y.		
33	New Mexico	70	Anderson, S.C.	107	Burlington, N.C.	141	Dubuque, Iowa
34	New York			108	Burlington, Vt.	142	Duluth-Superior, Minn. Wis.
35	North Carolina	71	Ann Arbor, Mich.	109	Caguas, P.R.	143	Eau Claire, Wis.
36	North Dakota	72	Anniston, Ala.	110	Canton, Ohio	144	El Paso, Tex.
37	Ohio	73	Appleton-Oshkosh, Wis.			145	Elkhart, Ind.
38	Oklahoma	74	Arecibo, P.R.	111	Casper, Wyo.		
39	Oregon	75	Asheville, N.C.	112	Cedar Rapids, Iowa	146	Elmira, N.Y.
40	Pennsylvania	76	Athens, Ga.	113	Champaign-Urbana- Rantoul, Ill.	147	Enid, Okla.



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149	Eugene-Springfield, Oreg.	188	Iowa City, Iowa	228	Lowell, Mass.-N.H.		
150	Evansville, Ind.-Ky.	189	Jackson, Mich.	229	Lubbock, Tex.		
		190	Jackson, Miss.	230	Lynchburg, Va.	266	Northeast Pennsylvania
151	Fall River, Mass.-R.I.					267	Norwalk, Conn.
152	Fargo-Moorhead, N. Dak.- Minn.	191	Jacksonville, Fla.	231	Macon, Ga.	268	Ocala, Fla.
153	Fayetteville, N.C.	192	Jacksonville, N.C.	232	Madison, Wis.	269	Odessa, Tex.
154	Fayetteville-Springdale, Ark.	193	Janesville-Beloit, Wis.	233	Manchester, N.H.	270	Oklahoma City, Okla.
155	Fitchburg-Leominster, Mass.	194	Jersey City, N.J.	234	Mansfield, Ohio		
		195	Johnson City-Kingsport- Bristol, Tenn.-Va.	235	Mayagüez, P.R.	271	Olympia, Wash.
156	Flint, Mich.			236	McAllen-Pharr-Edinburg, Tex.	272	Omaha, Nebr.-Iowa
157	Florence, Ala.	196	Johnstown, Pa.	237	Medford, Oreg.	273	Orlando, Fla.
158	Florence, S.C.	197	Joplin, Mo.	238	Melbourne-Titusville- Cocoa, Fla.	274	Owensboro, Ky.
159	Fort Collins, Colo.	198	Kalamazoo-Portage, Mich.			275	Oxnard-Simi Valley- Ventura, Calif.
160	Fort Lauderdale-Hollywood, Fla.	199	Kankakee, Ill.	239	Memphis, Tenn.-Ark.- Miss.	276	Panama City, Fla.
		200	Kansas City, Mo.-Kans.	240	Meriden, Conn.	277	Parkersburg-Marietta, W. Va.-Ohio
161	Fort Myers-Cape Coral, Fla.	201	Kenosha, Wis.			278	Pascagoula-Moss Point, Miss.
162	Fort Smith, Ark.-Okla.	202	Killeen-Temple, Tex.	241	Miami, Fla.	279	Paterson-Clifton-Passaic, N.J.
163	Fort Walton Beach, Fla.	203	Knoxville, Tenn.	242	Midland, Tex.	280	Pensacola, Fla.
164	Fort Wayne, Ind.	204	Kokomo, Ind.	243	Milwaukee, Wis.		
165	Fresno, Calif.	205	La Crosse, Wis.	244	Minneapolis-St. Paul, Minn.-Wis.	281	Peoria, Ill.
		206	Lafayette, La.	245	Mobile, Ala.	282	Petersburg-Colonial Heights-Hopewell, Va.
166	Gadsden, Ala.	207	Lafayette-West Lafayette, Ind.			283	Philadelphia, Pa.-N.J.
167	Gainesville, Fla.	208	Lake Charles, La.	246	Modesto, Calif.	284	Phoenix, Ariz.
168	Galveston-Texas City, Tex.	209	Lakeland-Winter Haven, Fla.	247	Monroe, La.	285	Pine Bluff, Ark.
169	Gary-Hammond-East Chicago, Ind.	210	Lancaster, Pa.	248	Montgomery, Ala.		
170	Glens Falls, N.Y.			249	Muncie, Ind.	286	Pittsburgh, Pa.
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173	Great Falls, Mont.	213	Las Cruces, N. Mex.	251	Nashua, N.H.	289	Portland, Maine
174	Greeley, Colo.	214	Las Vegas, Nev.	252	Nashville-Davidson, Tenn.	290	Portland, Oreg.-Wash.
175	Green Bay, Wis.	215	Lawrence, Kans.	253	Nassau-Suffolk, N.Y.		
				254	New Bedford, Mass.	291	Portsmouth-Dover- Rochester, N.H.-Maine
176	Greensboro-Winston-Salem- High Point, N.C.	216	Lawrence-Haverhill, Mass.-N.H.	255	New Britain, Conn.	292	Poughkeepsie, N.Y.
177	Greenville-Spartanburg, S.C.	217	Lawton, Okla.			293	Providence-Warwick- Pawtucket, R.I.-Mass.
178	Hagerstown, Md.	218	Lewiston-Auburn, Maine	256	New Brunswick-Perth Amboy-Sayreville, N.J.	294	Provo-Orem, Utah
179	Hamilton-Middletown, Ohio	219	Lexington-Fayette, Ky.	257	New Haven-West Haven, Conn.	295	Pueblo, Colo.
180	Harrisburg, Pa.	220	Lima, Ohio	258	New London-Norwich, Conn.-R.I.	296	Racine, Wis.
		221	Lincoln, Nebr.	259	New Orleans, La.	297	Raleigh-Durham, N.C.
181	Hartford, Conn.	222	Little Rock-North Little Rock, Ark.	260	New York, N.Y.-N.J.	298	Reading, Pa.
182	Hickory, N.C.	223	Long Branch-Asbury Park, N.J.			299	Redding, Calif.
183	Honolulu, Hawaii	224	Longview-Marshall, Tex.	261	Newark, N.J.	300	Reno, Nev.
184	Houston, Tex.	225	Lorain-Elyria, Ohio	262	Newark, Ohio		
185	Huntington-Ashland, W. Va.-Ky.-Ohio			263	Newburgh-Middletown, N.Y.	301	Richland-Kennewick- Pasco, Wash.
		226	Los Angeles-Long Beach, Calif.	264	Newport News-Hampton, Va.	302	Richmond, Va.
186	Huntsville, Ala.					303	Riverside-San Bernardino- Ontario, Calif.



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305	Rochester, Minn.	324	Santa Barbara-Santa Maria-Lompoc, Calif.	344	Steubenville-Weirton, Ohio-W. Va.	363	Visalia-Tulare-Porterville, Calif.
306	Rochester, N.Y.	325	Santa Cruz, Calif.	345	Stockton, Calif.	364	Waco, Tex.
307	Rockford, Ill.					365	Washington, D.C.-Md.-Va.
308	Rock Hill, S.C.	326	Santa Rosa, Calif.	346	Syracuse, N.Y.		
309	Sacramento, Calif.	327	Sarasota, Fla.	347	Tacoma, Wash.	366	Waterbury, Conn.
310	Saginaw, Mich.	328	Savannah, Ga.	348	Tallahassee, Fla.	367	Waterloo-Cedar Falls, Iowa
		329	Seattle-Everett, Wash.	349	Tampa-St. Petersburg, Fla.	368	Wausau, Wis.
311	St. Cloud, Minn.	330	Sharon, Pa.	350	Terre Haute, Ind.	369	West Palm Beach-Boca Raton, Fla.
312	St. Joseph, Mo.					370	Wheeling, W. Va.-Ohio
313	St. Louis, Mo.-Ill.	331	Sheboygan, Wis.	351	Texarkana, Tex.-Texarkana, Ark.		
314	Salem, Oreg.	332	Sherman-Denison, Tex.	352	Toledo, Ohio-Mich.	371	Wichita, Kans.
315	Salinas-Seaside-Monterey, Calif.	333	Shreveport, La.	353	Topeka, Kans.	372	Wichita Falls, Tex.
		334	Sioux City, Iowa-Nebr.	354	Trenton, N.J.	373	Williamsport, Pa.
		335	Sioux Falls, S. Dak.	355	Tucson, Ariz.	374	Wilmington, Del.-N.J.-Md.
316	Salisbury-Concord, N.C.					375	Wilmington, N.C.
317	Salt Lake City-Ogden, Utah	336	South Bend, Ind.	356	Tulsa, Okla.		
318	San Angelo, Tex.	337	Spokane, Wash.	357	Tuscaloosa, Ala.	376	Worcester, Mass.
319	San Antonio, Tex.	338	Springfield, Ill.	358	Tyler, Tex.	377	Yakima, Wash.
320	San Diego, Calif.	339	Springfield, Mo.	359	Utica-Rome, N.Y.	378	York, Pa.
		340	Springfield, Ohio	360	Vallejo-Fairfield-Napa, Calif.	379	Youngstown-Warren, Ohio
321	San Francisco-Oakland, Calif.	341	Springfield-Chicopee-Holyoke, Mass.-Conn.			380	Yuba City, Calif.
322	San Jose, Calif.	342	Stamford, Conn.	361	Victoria, Tex.		





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C. General Enumeration and Processing Procedures . . . . .	C-1
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## Introduction

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## GENERAL

This report is part of the *Metropolitan Housing Characteristics* series and presents cross-tabulations of sample data on housing and household characteristics from the 1980 Census of Population and Housing. Legal provision for this census, which was conducted as of April 1, 1980, was made in the Act of Congress of August 31, 1954 (amended August 1957, December 1975, and October 1976), which codified Title 13, United States Code.

The content and procedures of the 1980 census were determined after evaluation of the results of the 1970 census, consultation with a wide variety of users of census data, and extensive field testing. A number of changes were introduced in 1980 to improve the usefulness of the census results. The changes do not, however, affect to any appreciable extent the comparability between the 1980 data and the 1970 data. Further information on comparability appears in Appendix B, "Definitions and Explanations of Subject Characteristics."

More detailed information on the technical and procedural matters covered in the text of this report can be obtained by writing to the Director, Bureau of the Census, Washington, D.C. 20233. Such information will also appear in other publications of the 1980 census.

The *Metropolitan Housing Characteristics* series consists of a United States

Summary report and individual reports for each of the 50 States, Puerto Rico, and each of the standard metropolitan statistical areas (SMSA's) in the United States and Puerto Rico. The abbreviated identification for this report is HC80-2 (i.e., Housing Census, 1980, Volume 2) followed by a number representing the State or SMSA.

In the SMSA reports, data are published for the following levels of geography: the SMSA, each central city, and each place of 50,000 or more population. In the State reports, data are shown for the State, that part of the State inside SMSA's, and inside central cities. In the United States Summary report, data are published for the United States total, inside SMSA's, and inside central cities, and for the four census regions, the region total, inside SMSA's, and inside central cities.

## CONTENTS OF THE REPORT

This report contains text (this introduction and six appendixes), a table of contents, one or more maps, and a series of detailed tables. The detailed tables are organized to provide a set of 68 tables for each geographic area (State, SMSA, central city, etc.) covered in the report. As shown in the "Index of Tables" on page IX, the set of tables for each geographic area is identified with a unique letter (A, B, C, etc.) prefix in the table number. In the SMSA reports, the SMSA is presented first, followed by the sets of tables for the central cities and places, all in alphabetical order.

For each particular area, the 68 tables consist of: 13 tables for the area in its entirety, 44 tables for occupied housing units classified by the racial group of the householder, and 11 tables for occupied housing units with householders of Spanish origin. More specifically, tables

1 to 13 are for the entire State, SMSA, central city, or place; tables 14 to 24 are for housing units with a White householder; tables 25 to 35 are for units with a Black householder; tables 36 to 46 are for units with an American Indian, Eskimo, or Aleut householder; tables 47 to 57 are for units with an Asian or Pacific Islander householder; and tables 58 to 68 are for units with a Spanish origin householder.

The race and Spanish origin tables are presented for SMSA's and places only when certain population-size criteria are met. Tables 25 to 35 (Black); 36 to 46 (American Indian, Eskimo, and Aleut); and 47 to 57 (Asian and Pacific Islander) are presented only when the particular area's population contains 10,000 or more persons of the given racial group or when the persons in the given racial groups constitute 10 percent or more of the total population of the particular area. If any of these 3 sets of tables qualify to appear for an area, tables 14 to 24 (White) are also presented. The Spanish origin tables (58 to 68) are shown if there are 10,000 or more Spanish origin persons in the particular area or if such persons constitute 10 percent or more of the total population of the particular area.

Appearing last in the report are the appendixes. Appendix A describes the various area classifications (e.g., standard metropolitan statistical area, census designated place). Appendix B provides definitions and explanations for the subjects covered in this report. Appendix C briefly explains the residence rules used in counting the population and describes the data collection and processing procedures. Appendix D presents information on the sources of error in the data and on editing procedures. Appendix E contains facsimiles of the 1980 census questionnaire pages and respondent instructions. Appendix F summarizes the data dissemination program of the 1980 census.



### DERIVED FIGURES (Means, Medians, and Percents)

This report presents means, medians, and percents, as well as certain rates and ratios. The median—a type of average—is the middle value in a distribution; i.e., the median divides the distribution into two equal parts: one-half of the cases are below the median and one-half of the cases are above the median. Percents and other derived measures which round to less than 0.1 are not shown but are indicated as zero (i.e., “—”).

Medians for rooms are rounded to the nearest tenth; for age, to the nearest year; for persons, to the nearest hundredth; for value, to the nearest hundred dollars; and for income, selected monthly owner costs, contract and gross rent, to the nearest dollar. In computing medians for rooms and persons per housing unit, the whole number is used as the midpoint of the interval so that, for example, the category “3 rooms” is treated as an interval ranging from 2.5 to 3.5 rooms. In computing median rent, units reported as “no cash rent” are excluded. The median is computed on the basis of the distribution as tabulated, which is sometimes more detailed than the distribution shown in this report. For example, median age is based on a distribution of five year intervals from 15 to 85 years. When the median falls in the lower terminal category of an open-ended distribution, the method of presentation is to show the initial value of the next category followed by a minus sign; thus, for example, if the median falls in the category “Less than \$10,000,” it is shown as “\$10,000—.” When the median falls in the upper terminal category of an open-

ended distribution, the initial value of the terminal category is given followed by a plus sign; thus, for example, if the median falls in the category “\$150,000 or more,” it is shown as “\$150,000+.”

### SYMBOLS AND GEOGRAPHIC ABBREVIATIONS

The following symbols and geographic abbreviations are used in the tables:

- A dash “—” represents zero or a percent which rounds to less than 0.1.
- Three dots “. . .” mean not applicable, or that the data are being withheld to avoid disclosure of information for individual housing units. (For further information on disclosure, see the section below on “Suppression of Data for Confidentiality.”)
- CDP is census designated place.
- SMSA is standard metropolitan statistical area.

### SUPPRESSION OF DATA FOR CONFIDENTIALITY

To maintain the confidentiality promised respondents and required by law, the Census Bureau takes precautions that its published data do not disclose information about specific individuals and housing units. To accomplish this, the Bureau suppresses data for characteristics which are based on a small number of persons and/or housing units in the geographic area. Under certain conditions, both primary and complementary suppression, as defined below, may take place.

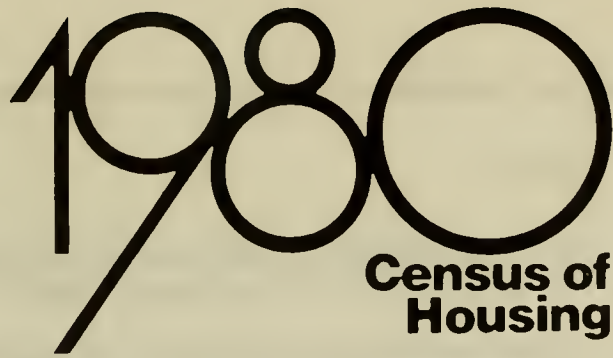
The general rules of primary suppression of sample data are as follows: esti-

mates of total population by race and Spanish origin are never suppressed; other characteristics for persons are shown only if there are 30 or more persons in the geographic area; estimates of total housing units, vacant housing units, year-round housing units, and occupied housing units are never suppressed; characteristics of year-round housing units which are not classified by occupancy status are shown only when there are 10 or more year-round housing units in the geographic area; characteristics of families, households, or occupied housing units are shown only if there are at least 10 occupied housing units within the geographic area; and distributions of data for owners or renters are shown only where the number of owners is at least 10 and the number of renters is also at least 10. These primary suppression criteria are applied independently of one another. The comparable figures for complete count (100-percent) data are 15 or more persons and 5 or more housing units of the specified type.

Population and occupied housing unit characteristics cross-classified by race or Spanish origin (of the householder in the case of occupied housing units) are subject to an additional level of examination. This requires that the 30 person or 10 housing unit criterion stated above be applied individually to each race or Spanish origin category.

Finally, complementary suppression is applied to prevent the derivation of primary suppressed data by subtraction. For example, housing unit data shown by tenure may require complementary suppression when the number of owner-occupied or renter-occupied housing units is less than 10.





# Metropolitan Housing Characteristics

## CASPER, WYO.

STANDARD METROPOLITAN STATISTICAL AREA

HC80-2-111

### Contents

#### Arrangement of Tables

This report presents a set of tables for the SMSA, each central city, and each place of 50,000 inhabitants or more. The report is organized to provide a set of 68 tables for each geographic area. There are 11 tables showing data for all households in the area, 2 tables showing data for vacant units, 11 tables for householders of each of four separate race groups, and 11 tables for householders of Spanish origin. The race/Spanish origin tables are, however, shown only when certain population criteria are met. See page VII of the Introduction for further information. To assist the reader in using this report, the listings are presented as follows:

	Page
Index of Tables—shows the pages on which the tables for each geographic area appear and the pages on which data for the various race/Spanish origin householders appear . . . . .	IX
List of Tables—shows the table numbers and titles for each of the 68 tables . . . . .	X
Table Finding Guide—shows the tables in which the various subject cross-classifications presented in the report appear . . . . .	XII
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### INDEX OF TABLES

Tables for the total SMSA have the prefix letter "A"; tables for central cities and places of 50,000 inhabitants or more, in alphabetical order, have the prefix letter "B," "C," etc.

Area	Prefix letter	Tables 1-13 Total	Tables 14-24 White	Tables 25-35 Black	Tables 36-46 American Indian, Eskimo, and Aleut	Tables 47-57 Asian and Pacific Islander	Tables 58-68 Spanish Origin
		Pages	Pages	Pages	Pages	Pages	Pages
SMSA total . . . . .	A	1 to 12	—	—	—	—	—
Casper . . . . .	B	13 to 24	—	—	—	—	—

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(Tables 14 to 24 for the White population are shown if any of the other three racial groups in the area qualify; tables 25 to 35 are shown if an area has 10,000 or more or 10 percent Black population; tables 36 to 46 are shown if an area has 10,000 or more or 10 percent American Indian, Eskimo, and Aleut population; tables 47 to 57 are shown if an area has 10,000 or more or 10 percent Asian and Pacific Islander population; and tables 58 to 68 are shown if an area has 10,000 or more or 10 percent Spanish origin population)

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# Table Finding Guide— Cross-Classification of Subjects by Table Number

Subject	Value	Gross rent	Income and poverty status in 1979 of owner-occupied housing units	Income and poverty status in 1979 of renter-occupied housing units	Selected monthly owner costs for mortgaged housing units	Selected monthly owner costs for not mortgaged housing units
<b>OCCUPANCY CHARACTERISTICS</b>						
Condominium . . . . .	—	—	—	—	—	—
Year moved into unit . . . . .	1	2	3	4	5	6
<b>UTILIZATION CHARACTERISTICS</b>						
Rooms . . . . .	1	2	—	—	5	6
Persons in unit . . . . .	—	—	—	—	5	6
Bedrooms . . . . .	1	2	—	—	—	—
Median rooms . . . . .	1	2	3	4	5	6
<b>STRUCTURAL CHARACTERISTICS</b>						
Units in structure . . . . .	—	2	—	—	—	—
Year structure built . . . . .	1	2	—	—	5	6
Stories in structure . . . . .	—	2	—	—	—	—
<b>PLUMBING CHARACTERISTICS</b>						
Plumbing facilities . . . . .	1	2	3	4	—	—
<b>EQUIPMENT AND FUELS</b>						
Heating equipment . . . . .	1	2	3	4	5	6
Air conditioning . . . . .	1	2	3	4	5	6
Vehicles available . . . . .	—	—	3	4	—	—
House heating fuel . . . . .	—	—	3	4	5	6
Water heating fuel . . . . .	—	—	—	—	—	—
<b>FINANCIAL CHARACTERISTICS</b>						
Value . . . . .	—	—	—	—	5	6
Price asked . . . . .	—	—	—	—	—	—
Mortgage status and selected monthly owner costs . . . . .	—	—	3	—	—	—
Selected monthly owner costs as percentage of household income . . . . .	—	—	—	—	5	6
Contract rent . . . . .	—	—	—	4	—	—
Gross rent . . . . .	—	—	—	4	—	—
Rent asked . . . . .	—	—	—	—	—	—
Gross rent as percentage of household income . . . . .	—	2	—	4	—	—
Mortgage status and selected monthly owner costs as percentage of household income . . . . .	1	—	3	—	—	—
<b>HOUSEHOLD CHARACTERISTICS</b>						
Household type by age of householder . . . . .	1	2	3	4	5	6
Income . . . . .	1	—	—	—	—	—
Income below poverty level . . . . .	1	2	—	—	—	—
The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.						
White . . . . .	14	15	16	17	18	19
Black . . . . .	25	26	27	28	29	30
American Indian, Eskimo, and Aleut . . . . .	36	37	38	39	40	41
Asian and Pacific Islander . . . . .	47	48	49	50	51	52
Spanish origin . . . . .	58	59	60	61	62	63



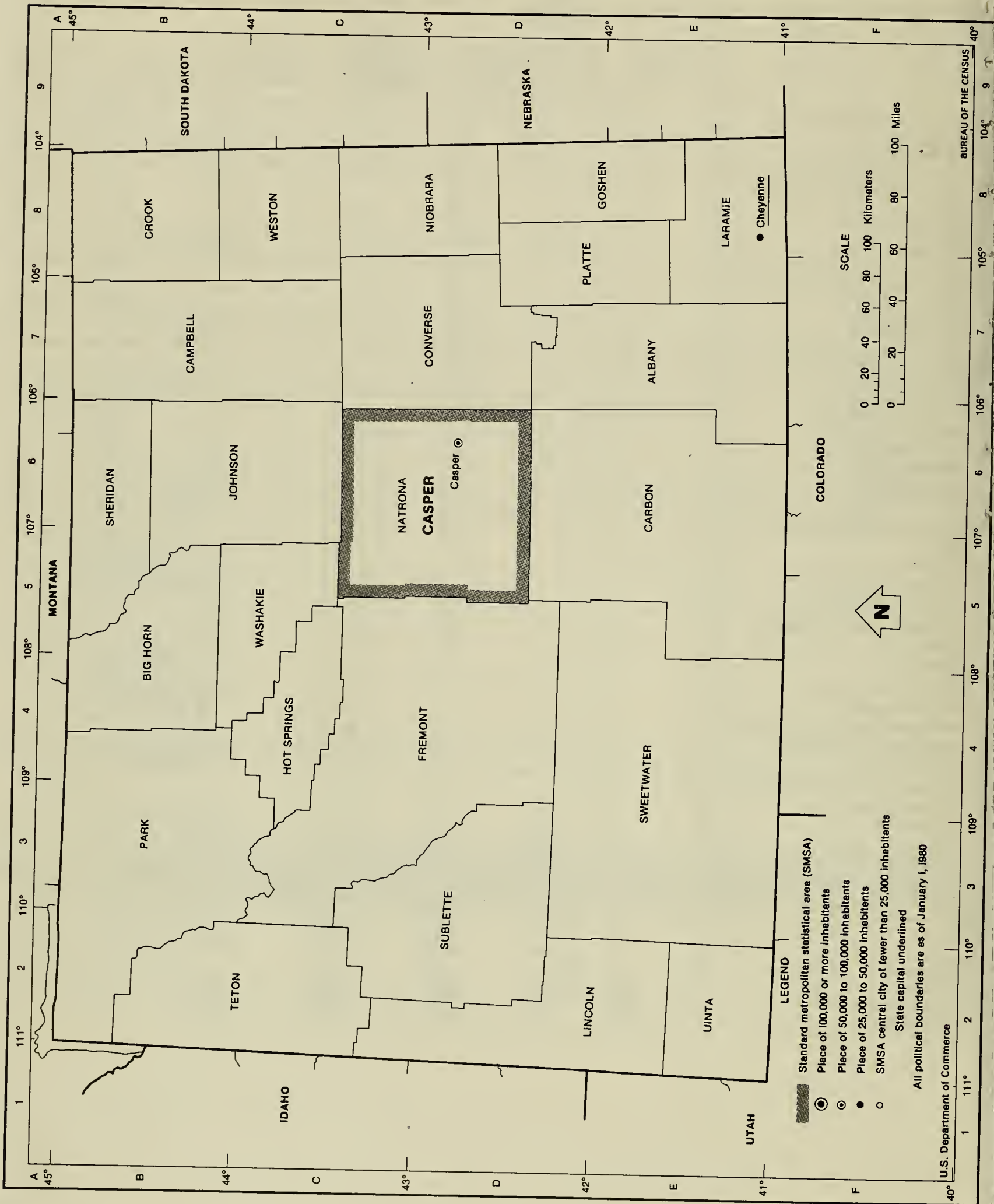
**Table Finding Guide—Cross-Classification of Subjects by Table Number**

Subject	Year structure built	Units in structure	Size of household (persons)	Household composition by age of householder	Age and sex of householder in one-person households	Duration of vacancy	Price asked and rent asked
<b>OCCUPANCY CHARACTERISTICS</b>							
Condominium . . . . .	—	8	—	—	—	—	—
Year moved into unit. . . . .	7	8	—	—	—	—	—
<b>UTILIZATION CHARACTERISTICS</b>							
Rooms . . . . .	7	8	9	—	—	12	—
Persons in unit. . . . .	7	—	—	10	—	—	—
Bedrooms . . . . .	—	8	—	—	—	12	13
Median rooms . . . . .	7	8	9	—	—	12	—
<b>STRUCTURAL CHARACTERISTICS</b>							
Units in structure . . . . .	7	—	9	—	11	12	13
Year structure built. . . . .	—	—	—	—	—	12	13
Stories in structure . . . . .	—	—	—	—	—	—	—
<b>PLUMBING CHARACTERISTICS</b>							
Plumbing facilities . . . . .	7	8	9	10	11	12	13
<b>EQUIPMENT AND FUELS</b>							
Heating equipment . . . . .	7	8	—	—	—	12	—
Air conditioning. . . . .	7	8	—	—	—	—	—
Vehicles available . . . . .	—	8	—	—	—	—	—
House heating fuel . . . . .	7	8	—	—	—	—	—
Water heating fuel. . . . .	—	8	—	—	—	—	—
<b>FINANCIAL CHARACTERISTICS</b>							
Value . . . . .	—	—	9	—	—	—	—
Price asked. . . . .	—	—	—	—	—	12	—
Mortgage status and selected monthly owner costs . . . . .	—	—	—	—	11	—	—
Selected monthly owner costs as percentage of household income. . . . .	—	—	9	—	11	—	—
Contract rent . . . . .	—	—	—	—	—	—	—
Gross rent . . . . .	—	—	9	—	11	—	—
Rent asked. . . . .	—	—	—	—	—	12	—
Gross rent as percentage of household income. . . . .	—	—	9	10	11	—	—
Mortgage status and selected monthly owner costs as percentage of household income . . . . .	—	—	—	10	—	—	—
<b>HOUSEHOLD CHARACTERISTICS</b>							
Household type by age of householder . . . . .	7	8	—	—	—	—	—
Income . . . . .	7	8	9	—	11	—	—
Income below poverty level . . . . .	7	8	9	—	11	—	—

The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.

White . . . . .	20	21	22	23	24	—	—
Black . . . . .	31	32	33	34	35	—	—
American Indian, Eskimo, and Aleut . . . . .	42	43	44	45	46	—	—
Asian and Pacific Islander . . . . .	53	54	55	56	57	—	—
Spanish origin . . . . .	64	65	66	67	68	—	—

# Standard Metropolitan Statistical Area, Counties, and Selected Places



# CORRECTION NOTE

Any corrections to the 1980 census counts of the total population and total housing units made after this report was printed are available by writing to Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233.

## NOTE TO USERS:

1. In tables where the median age for total persons in owner-occupied and renter-occupied housing units is shown as ~~05+~~, the correct entry should be three dots (...).
2. The "Not computed" line for Mortgage Status and Selected Monthly Owner Costs as Percentage of Household Income in 1979 for not mortgaged units includes households with zero or negative income and households reporting no housing costs; that is, not mortgaged units with no utility, fuel, tax, or insurance payments required. Households with no Selected Monthly Owner Costs are normally excluded from the "Not computed" category.





Table A — 1. Value of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA

	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Median (dollars)	Mean (dollars)
Specified owner-occupied housing units .....	14 062	30	132	305	542	1 242	2 005	5 061	2 716	1 618	411	70 600	76 000
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families .....	11 142	18	78	200	328	803	1 357	4 173	2 373	1 431	381	73 300	79 200
15 to 24 years .....	358	—	7	16	—	55	72	175	33	—	—	62 300	60 800
25 to 34 years .....	3 424	8	10	22	89	164	447	1 577	789	295	23	72 800	75 100
35 to 44 years .....	2 372	—	12	30	21	88	225	802	564	506	124	80 300	89 500
45 to 64 years .....	3 995	—	43	87	122	302	419	1 311	940	557	214	75 400	82 400
65 years and over .....	993	10	6	45	96	194	308	47	73	73	20	56 000	62 600
Male householder, no wife present .....	1 272	12	21	57	53	182	200	482	181	77	7	63 200	65 100
15 to 24 years .....	108	—	—	—	—	9	25	62	6	6	—	62 900	67 400
25 to 34 years .....	503	—	—	5	14	52	59	254	90	29	—	68 400	70 700
35 to 44 years .....	225	—	—	3	10	26	30	68	45	36	—	69 000	73 500
45 to 64 years .....	243	—	12	34	10	45	47	56	26	6	7	52 600	57 300
65 years and over .....	193	12	2	15	19	50	39	42	14	—	—	49 800	49 100
Female householder, no husband present .....	1 648	—	33	48	161	257	448	406	162	110	23	56 800	62 900
15 to 24 years .....	16	—	—	—	12	—	4	—	—	—	—	38 300	42 500
25 to 34 years .....	188	—	—	—	7	38	49	66	17	6	5	60 000	64 800
35 to 44 years .....	227	—	3	5	23	23	72	48	28	25	—	57 700	65 800
45 to 64 years .....	666	—	2	27	60	78	190	174	81	36	18	58 500	66 400
65 years and over .....	551	—	28	16	59	118	133	118	36	43	—	53 500	57 300
Median age .....	43.5	72.1	60.0	58.6	53.3	54.4	45.7	38.9	41.2	43.1	49.9	...	...
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980 .....	2 893	8	7	5	78	141	235	1 259	725	336	99	75 400	81 400
1975 to 1978 .....	4 904	—	17	53	111	282	605	1 715	1 155	823	143	76 400	82 400
1970 to 1974 .....	1 781	—	18	39	67	136	271	602	333	236	79	70 700	79 700
1960 to 1969 .....	2 325	7	32	62	132	310	367	892	334	120	69	64 800	69 000
1959 or earlier .....	2 159	15	58	146	154	373	527	593	169	103	21	55 400	58 800
ROOMS													
1 to 3 rooms .....	220	7	14	26	46	38	25	36	16	12	—	43 900	50 400
4 rooms .....	1 347	—	59	137	203	430	257	184	36	41	—	46 200	48 200
5 rooms .....	2 975	13	51	82	135	345	836	1 179	200	104	30	60 300	62 300
6 rooms .....	2 720	—	7	38	102	278	488	1 163	430	158	56	66 400	70 500
7 rooms .....	2 423	10	—	10	29	94	228	1 114	671	237	30	75 100	79 200
8 or more rooms .....	4 377	—	1	12	27	57	171	1 385	1 363	1 066	295	87 200	96 900
Median .....	6.4	5.1	4.4	4.4	4.7	4.9	5.4	6.5	7.5	8.1	8.5+	...	...
BEDROOMS													
None .....	11	—	—	—	7	—	—	4	—	—	—	38 900	50 200
1 .....	332	7	30	49	47	72	46	53	10	18	—	42 800	47 300
2 .....	3 062	10	67	167	298	713	658	863	161	99	26	53 200	56 200
3 .....	5 942	13	34	73	147	373	1 063	2 422	1 108	570	139	69 600	75 500
4 .....	3 502	—	—	16	29	52	215	1 330	1 113	619	128	81 800	88 200
5 or more .....	1 213	—	1	—	14	32	23	389	324	312	118	88 800	101 500
YEAR STRUCTURE BUILT													
1975 to March 1980 .....	4 136	8	7	12	24	53	134	1 469	1 381	854	194	84 800	92 200
1970 to 1974 .....	1 059	—	—	—	—	27	85	408	249	218	72	80 700	91 600
1960 to 1969 .....	1 891	—	—	24	28	77	151	903	392	260	56	74 700	83 000
1950 to 1959 .....	4 003	—	47	29	144	477	1 041	1 568	449	185	63	62 700	66 800
1940 to 1949 .....	1 068	—	9	65	143	221	240	292	62	29	7	52 900	55 900
1939 or earlier .....	1 905	22	69	175	203	387	354	421	183	72	19	52 200	56 000
HOUSEHOLD INCOME IN 1979													
Less than \$5,000 .....	549	7	22	43	53	155	100	70	22	61	16	49 700	60 200
\$5,000 to \$9,999 .....	1 050	23	34	38	127	209	176	272	75	58	38	54 400	61 300
\$10,000 to \$12,499 .....	488	—	3	45	30	79	76	157	44	48	6	60 600	63 400
\$12,500 to \$14,999 .....	449	—	14	24	33	85	129	87	64	13	—	53 800	57 700
\$15,000 to \$19,999 .....	1 377	—	25	45	71	237	252	465	165	75	42	61 400	66 800
\$20,000 to \$24,999 .....	2 036	—	17	19	99	163	457	908	268	85	20	65 100	67 400
\$25,000 to \$34,999 .....	4 104	—	10	56	91	171	562	1 879	865	441	29	72 300	75 700
\$35,000 to \$49,999 .....	2 626	—	7	35	38	115	204	918	818	416	75	79 900	84 600
\$50,000 or more .....	1 383	—	—	—	—	28	49	305	395	421	185	96 500	110 100
Median .....	\$27 433	\$7 000	\$13 750	\$15 781	\$17 663	\$16 510	\$22 364	\$27 860	\$33 185	\$35 791	\$45 251	...	...
Mean .....	\$30 112	\$6 444	\$14 240	\$18 207	\$17 588	\$18 757	\$23 395	\$28 738	\$36 934	\$42 472	\$52 550	...	...
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage .....	10 888	—	33	105	306	688	1 406	4 259	2 427	1 362	302	73 400	79 100
Less than 15 percent .....	3 579	—	15	64	84	264	474	1 389	758	411	120	72 100	78 900
15 to 19 percent .....	2 084	—	6	13	42	129	236	783	468	356	51	75 800	81 400
20 to 24 percent .....	1 934	—	—	7	42	83	270	794	458	261	19	74 700	78 400
25 to 29 percent .....	1 364	—	—	8	54	52	216	580	329	98	27	72 800	76 200
30 to 34 percent .....	580	—	3	3	18	42	43	258	134	64	15	73 600	79 500
35 percent or more .....	1 329	—	9	10	66	118	167	442	280	167	70	70 100	79 800
Not computed .....	18	—	—	—	—	—	—	13	—	—	5	73 500	83 600
Median .....	19.5	—	16.3	14.0	23.2	18.1	19.9	19.7	19.9	18.8	18.0	...	...
Not mortgaged .....	3 174	30	99	200	236	554	599	802	289	256	109	57 300	65 400
Less than 10 percent .....	1 936	—	44	141	142	274	368	514	197	186	70	60 000	68 300
10 to 14 percent .....	505	23	8	28	39	120	108	116	47	6	10	53 500	57 000
15 to 19 percent .....	265	—	19	6	19	68	52	86	—	15	—	52 600	53 500
20 to 24 percent .....	214	—	8	6	—	36	49	34	45	25	11	62 500	77 500
25 to 29 percent .....	54	—	5	—	3	13	—	25	—	—	8	68 300	73 800
30 to 34 percent .....	42	7	1	9	10	—	—	9	—	6	—	37 000	51 800
35 percent or more .....	142	—	14	10	23	33	16	18	—	18	10	47 400	62 600
Not computed .....	16	—	—	—	—	10	6	—	—	—	—	49 000	51 300
Median .....	10—	13.3	13.4	10—	10—	10—	10—	10—	10—	10—	10—	...	...
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use .....	14 050	23	132	305	542	1 237	2 005	5 061	2 716	1 618	411	70 700	76 100
1.01 or more persons per room .....	184	—	12	7	40	2	31	79	7	6	—	60 000	57 200
Lacking complete plumbing for exclusive use .....	12	7	—	—	—	5	—	—	—	—	—	10000—	24 200
1.01 or more persons per room .....	—	—	—	—	—	—	—	—	—	—	—	—	—
Heating equipment .....	14 062	30	132	305	542	1 242	2 005	5 061	2 716	1 618	411	70 600	76 000
Central heating system .....	13 374	18	92	166	465	1 125	1 864	4 933	2 709	1 597	405	71 700	77 500
Air conditioning .....	4 037	—	28	83	159	346	567	1 449	724	496	185	70 600	79 400
Central system .....	1 109	—	—	11	8	71	98	261	236	282	142	87 600	103 900
Income in 1979 below poverty level .....	495	—	16	22	35	139	56	85	47	58	37	56 600	72 500
Percent below poverty level .....	3.5	—	12.1	7.2	6.5	11.2	2.8	1.7	1.7	3.6	9.0	...	...



Table A—2. Gross Rent of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
<b>Specified renter-occupied housing units</b> .....	6 901	268	348	582	777	832	941	909	1 362	625	257	327
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
<b>Married-couple families</b> .....	2 572	11	55	136	213	189	362	352	756	355	143	385
15 to 24 years.....	709	1	21	63	84	75	175	120	109	61	—	332
25 to 34 years.....	1 018	6	12	38	69	71	109	143	157	49	—	410
35 to 44 years.....	362	—	—	17	17	9	46	38	138	73	24	430
45 to 64 years.....	412	4	14	15	43	14	24	51	133	64	50	412
65 years and over.....	71	—	8	3	—	20	8	—	12	—	20	293
<b>Male householder, no wife present</b> .....	2 324	47	90	206	295	360	324	328	403	207	64	320
15 to 24 years.....	885	—	37	48	99	123	159	98	226	74	21	339
25 to 34 years.....	900	—	21	102	117	158	107	169	123	85	18	320
35 to 44 years.....	184	—	—	18	39	42	15	27	29	14	—	272
45 to 64 years.....	229	9	22	15	21	31	35	22	25	34	15	313
65 years and over.....	126	38	10	23	19	6	8	12	—	—	10	164
<b>Female householder, no husband present</b> .....	2 005	210	203	240	269	283	255	229	203	63	50	259
15 to 24 years.....	554	9	14	89	72	116	110	56	74	14	—	290
25 to 34 years.....	434	28	1	37	37	110	31	82	79	27	—	303
35 to 44 years.....	157	—	—	26	32	15	19	20	18	22	5	308
45 to 64 years.....	356	31	39	46	90	18	52	41	25	—	14	232
65 years and over.....	504	142	149	40	38	24	43	30	7	—	31	119
<b>Median age</b> .....	29.6	70.8	63.8	28.4	30.4	27.2	25.9	29.0	29.2	30.0	46.8	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980.....	4 356	33	118	248	438	496	641	635	1 062	548	137	361
1975 to 1978.....	1 713	113	137	204	193	254	251	218	227	65	51	286
1970 to 1974.....	543	101	63	87	94	60	47	20	29	12	30	205
1960 to 1969.....	195	21	30	33	41	16	2	9	10	—	33	197
1959 or earlier.....	94	—	—	10	11	6	—	27	34	—	6	381
<b>ROOMS</b>												
1 room.....	173	9	13	48	19	20	8	—	—	46	10	227
2 rooms.....	565	66	75	98	113	116	62	22	13	—	—	221
3 rooms.....	1 651	168	177	204	260	357	241	111	85	14	34	250
4 rooms.....	2 430	19	32	87	252	217	387	497	765	100	74	369
5 rooms.....	1 244	—	30	106	107	58	178	171	332	212	50	385
6 rooms.....	457	—	2	20	16	46	47	61	112	109	44	413
7 or more rooms.....	381	6	19	19	10	18	18	47	55	144	45	456
<b>Median</b> .....	3.9	2.9	3.0	3.2	3.5	3.3	3.9	4.1	4.3	5.2	4.7	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979</b>												
<b>All income levels in 1979</b> .....	6 901	268	348	582	777	832	941	909	1 362	625	257	327
<b>Complete plumbing for exclusive use</b> .....	6 382	205	247	506	744	746	920	893	1 267	625	229	334
0.50 or less.....	4 032	177	160	365	548	543	645	558	612	273	151	311
0.51 to 1.00.....	2 043	28	73	114	147	169	252	317	564	301	78	381
1.01 to 1.50.....	213	—	1	17	41	22	23	9	78	22	—	364
1.51 or more.....	94	—	13	10	8	12	—	9	13	29	—	372
<b>Lacking complete plumbing for exclusive use</b> .....	519	63	101	76	33	86	21	16	95	—	28	206
0.50 or less.....	308	63	80	28	11	40	11	16	41	—	18	152
0.51 to 1.00.....	184	—	21	48	22	39	—	—	44	—	10	241
1.01 to 1.50.....	26	—	—	—	—	7	9	—	10	—	—	333
1.51 or more.....	1	—	—	—	—	—	1	—	—	—	—	325
<b>Income in 1979 below poverty level</b> .....	903	118	105	81	111	119	134	66	93	24	52	254
<b>Complete plumbing for exclusive use</b> .....	788	92	66	81	111	99	134	66	83	24	32	264
1.01 or more persons per room.....	64	—	1	—	18	21	16	—	8	—	—	287
<b>Lacking complete plumbing for exclusive use</b> .....	115	26	39	—	—	20	—	—	10	—	20	116
1.01 or more persons per room.....	—	—	—	—	—	—	—	—	—	—	—	—
<b>BEDROOMS</b>												
None.....	340	38	46	66	70	56	8	—	—	46	10	211
1.....	2 214	205	199	315	394	506	387	128	34	18	28	248
2.....	2 941	19	49	118	237	190	466	593	1 026	162	81	380
3.....	1 116	—	46	70	76	66	80	139	259	292	88	414
4.....	221	—	8	4	—	14	—	42	30	88	35	483
5 or more.....	69	6	—	9	—	—	—	7	13	19	15	438
<b>UNITS IN STRUCTURE</b>												
1, detached or attached.....	2 131	11	106	133	230	211	269	235	415	394	127	359
2.....	674	17	53	87	69	81	90	131	93	38	15	313
3 and 4.....	1 247	4	29	97	118	137	146	204	382	99	31	369
5 to 9.....	587	46	19	59	82	101	81	47	121	15	16	289
10 to 49.....	1 451	62	29	133	170	209	274	230	294	31	19	321
50 or more.....	426	128	110	44	19	74	24	—	7	20	—	118
Mobile home or trailer, etc.....	385	—	2	29	89	19	57	62	50	28	49	325
<b>YEAR STRUCTURE BUILT</b>												
1975 to March 1980.....	1 700	37	34	11	44	138	186	310	743	162	35	410
1970 to 1974.....	672	80	27	7	44	32	118	75	135	110	44	354
1960 to 1969.....	884	59	111	58	57	73	108	142	103	129	44	329
1950 to 1959.....	1 007	36	19	121	138	84	200	100	135	104	70	318
1940 to 1949.....	867	23	40	94	132	173	141	84	101	75	4	292
1939 or earlier.....	1 771	33	117	291	362	332	188	198	145	45	60	258
<b>STORIES IN STRUCTURE</b>												
1 to 3.....	6 777	230	272	582	777	822	941	909	1 362	625	257	331
4 or more.....	124	38	76	—	—	10	—	—	—	—	—	111
With elevator.....	124	38	76	—	—	10	—	—	—	—	—	111
<b>GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>												
Less than 15 percent.....	1 115	59	71	182	187	137	109	150	154	66	...	267
15 to 19 percent.....	1 196	74	29	159	176	102	214	129	205	108	...	314
20 to 24 percent.....	995	27	38	112	67	108	155	146	216	126	...	347
25 to 29 percent.....	757	36	23	31	102	112	77	115	200	61	...	348
30 to 34 percent.....	554	21	74	—	30	51	68	93	190	27	...	368
35 to 49 percent.....	864	9	57	37	44	137	117	152	206	105	...	360
50 percent or more.....	1 080	33	56	52	162	167	201	102	189	118	...	317
Not computed.....	340	9	—	9	9	18	—	22	2	14	257	270
<b>Median</b> .....	24.9	19.8	30.9	18.3	21.6	27.7	24.8	25.8	27.6	25.5	...	...
<b>SELECTED CHARACTERISTICS</b>												
<b>Heating equipment</b> .....	6 901	268	348	582	777	832	941	909	1 362	625	257	327
Central heating system.....	6 164	243	281	452	591	706	858	890	1 314	599	230	340
<b>Air conditioning</b> .....	1 839	46	84	92	142	193	279	270	506	156	71	359
Central system.....	681	18	9	40	61	65	44	99	246	70	29	395



Table A—3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Owner-occupied housing units -----	18 808	804	1 551	799	808	2 117	2 920	5 055	3 096	1 658	25 690	28 498	746
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families -----	14 168	254	806	386	465	1 448	2 273	4 288	2 779	1 469	28 042	31 373	330
15 to 24 years -----	825	9	48	23	41	188	227	222	44	23	22 174	22 654	9
25 to 34 years -----	4 358	30	92	65	175	606	910	1 617	637	226	26 349	28 412	66
35 to 44 years -----	2 993	25	41	58	45	228	396	1 093	638	469	31 207	36 201	38
45 to 64 years -----	4 718	67	284	78	65	299	645	1 198	1 385	697	32 703	36 336	123
65 years and over -----	1 274	123	341	162	139	127	95	158	75	54	12 698	17 425	94
Male householder, no wife present -----	2 177	103	109	189	87	322	446	545	218	158	22 674	26 108	56
15 to 24 years -----	283	3	3	47	26	34	75	61	31	3	21 549	22 531	5
25 to 34 years -----	813	7	10	61	11	119	191	241	116	57	25 302	28 149	12
35 to 44 years -----	395	-	-	5	9	41	99	125	54	62	28 212	33 775	-
45 to 64 years -----	416	24	15	48	15	93	70	105	10	36	21 048	27 083	25
65 years and over -----	270	69	81	28	26	35	11	13	7	-	9 202	10 990	14
Female householder, no husband present -----	2 463	447	636	224	256	347	201	222	99	31	11 657	14 070	360
15 to 24 years -----	149	19	63	5	39	5	7	-	11	-	9 306	11 599	20
25 to 34 years -----	351	41	54	60	48	59	21	48	14	6	13 568	15 729	52
35 to 44 years -----	337	30	54	37	29	73	49	49	13	3	16 101	17 296	49
45 to 64 years -----	893	101	188	83	110	155	91	91	58	16	14 193	16 576	87
65 years and over -----	733	256	277	39	30	55	33	34	3	6	6 510	9 243	152
Median age -----	41.8	66.6	62.4	51.6	42.7	36.2	35.4	37.4	44.9	44.7	...	...	56.4
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980 -----	4 498	47	262	190	206	614	797	1 282	765	335	25 848	28 747	82
1975 to 1978 -----	6 535	205	327	140	215	625	1 068	2 156	1 115	684	27 712	30 758	253
1970 to 1974 -----	2 630	121	201	113	113	281	435	622	439	305	25 802	30 310	126
1960 to 1969 -----	2 677	185	292	139	70	267	372	631	489	232	25 218	28 053	148
1959 or earlier -----	2 468	246	469	217	204	330	248	364	288	102	16 219	20 609	137
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use -----	18 708	791	1 551	780	800	2 103	2 907	5 039	3 096	1 641	25 724	28 520	740
1.01 or more persons per room -----	355	8	18	12	29	38	77	116	49	8	24 511	24 902	19
Lacking complete plumbing for exclusive use -----	100	13	-	19	8	14	13	16	-	17	16 786	24 301	6
1.01 or more persons per room -----	6	2	-	-	3	1	-	-	-	-	13 333	11 435	2
Heating equipment -----	18 805	804	1 551	799	805	2 117	2 920	5 055	3 096	1 658	25 693	28 500	746
Central heating system -----	17 906	740	1 444	707	713	2 002	2 798	4 844	3 026	1 632	25 965	28 876	705
Air conditioning -----	5 951	206	459	296	288	690	915	1 511	1 066	520	25 648	29 023	217
Central system -----	1 692	36	132	96	100	199	198	332	357	242	27 361	32 507	65
Vehicles available -----	18 536	668	1 460	785	808	2 100	2 914	5 047	3 096	1 658	25 912	28 817	699
1 -----	3 775	353	739	387	288	599	575	512	221	101	15 902	18 656	271
2 or more -----	14 761	315	721	398	520	1 501	2 339	4 535	2 875	1 557	28 248	31 415	428
House heating fuel -----	18 805	804	1 551	799	805	2 117	2 920	5 055	3 096	1 658	25 693	28 500	746
Utility gas -----	16 639	691	1 382	736	705	1 785	2 605	4 452	2 805	1 478	25 788	28 600	639
Bottled, tank, or LP gas -----	573	57	75	36	20	113	43	123	57	49	19 467	24 500	45
Electricity -----	1 286	31	51	21	57	178	231	401	206	110	27 056	29 929	44
Fuel oil, kerosene, etc. -----	27	8	-	-	-	-	-	-	8	11	45 989	38 404	8
Other -----	280	17	43	6	23	41	41	79	20	10	21 316	23 210	10
Median rooms -----	5.9	4.6	5.0	5.0	4.9	5.2	5.4	6.3	7.1	7.8	...	...	5.0
Specified owner-occupied housing units -----	14 062	549	1 050	488	449	1 377	2 036	4 104	2 626	1 383	27 433	30 112	495
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
With a mortgage -----	10 888	230	412	277	256	956	1 741	3 605	2 261	1 150	29 370	32 218	281
Less than \$200 -----	860	55	126	45	44	78	160	249	79	24	22 825	22 474	52
\$200 to \$249 -----	1 013	42	42	34	51	129	146	263	251	55	27 475	28 602	33
\$250 to \$299 -----	764	14	28	14	33	97	85	230	169	94	28 135	33 344	18
\$300 to \$349 -----	716	23	41	29	20	88	153	224	108	30	24 643	27 647	25
\$350 to \$399 -----	817	26	35	38	39	54	189	266	96	74	26 250	28 584	40
\$400 to \$499 -----	2 108	32	58	40	12	198	411	805	362	190	27 600	32 790	43
\$500 to \$599 -----	2 092	21	51	47	31	175	292	755	505	215	29 250	32 776	40
\$600 to \$749 -----	1 795	12	25	24	26	84	232	621	480	291	31 601	36 799	19
\$750 or more -----	723	5	6	6	-	53	73	192	211	177	32 424	41 656	11
Median -----	\$460	\$309	\$312	\$372	\$300	\$413	\$436	\$473	\$513	\$550	...	...	\$366
Not mortgaged -----	3 174	319	638	211	193	421	295	499	365	233	17 070	22 889	214
Less than \$50 -----	46	13	6	8	6	3	8	-	2	-	11 250	12 468	7
\$50 to \$74 -----	533	105	163	70	32	55	43	26	28	11	9 950	13 099	42
\$75 to \$99 -----	957	131	183	52	68	109	129	144	103	38	16 660	19 593	108
\$100 to \$124 -----	786	30	173	42	72	109	81	144	93	42	17 643	22 671	21
\$125 to \$149 -----	427	16	71	9	7	81	12	103	85	43	28 015	28 582	24
\$150 to \$199 -----	291	24	33	17	-	32	22	48	35	80	26 902	41 471	12
\$200 to \$249 -----	46	-	-	7	8	5	-	15	-	11	25 500	32 745	-
\$250 or more -----	88	-	9	6	-	27	-	19	19	8	30 388	31 205	-
Median -----	\$102	\$83	\$95	\$88	\$97	\$110	\$94	\$114	\$113	\$140	...	...	\$88
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage -----	10 888	230	412	277	256	956	1 741	3 605	2 261	1 150	29 370	32 218	281
Less than 15 percent -----	3 579	-	-	-	21	129	350	1 049	1 083	947	37 775	44 669	-
15 to 19 percent -----	2 084	-	15	28	61	155	203	778	667	177	32 560	33 933	-
20 to 24 percent -----	1 934	-	46	33	35	109	417	908	379	7	28 674	28 193	-
25 to 29 percent -----	1 364	-	65	25	39	184	297	648	87	19	25 632	25 036	-
30 to 34 percent -----	580	-	29	21	25	90	234	149	32	-	22 155	22 950	-
35 percent or more -----	1 329	212	257	170	75	289	240	73	13	-	13 350	13 703	263
Not computed -----	18	18	-	-	-	-	-	-	-	-	2500-	-	18
Median -----	19.5	50+	47.6	38.4	26.4	27.3	23.8	19.8	15.4	10.1	...	...	50+
Not mortgaged -----	3 174	319	638	211	193	421	295	499	365	233	17 070	22 889	214
Less than 10 percent -----	1 936	6	54	93	111	321	289	472	357	233	26 382	32 057	-
10 to 14 percent -----	505	17	217	88	74	68	6	27	8	-	10 526	11 897	7
15 to 19 percent -----	265	48	200	17	-	-	-	-	-	-	7 594	7 379	11
20 to 24 percent -----	214	58	109	7	8	32	-	-	-	-	6 441	7 679	52
25 to 29 percent -----	54	24	30	-	-	-	-	-	-	-	5 341	5 229	23
30 to 34 percent -----	42	27	9	6	-	-	-	-	-	-	4 444	5 116	11
35 percent or more -----	142	123	19	-	-	-	-	-	-	-	3 194	3 402	94
Not computed -----	16	16	-	-	-	-	-	-	-	-	2500-	-	16
Median -----	10-	29.7	16.2	10.7	10-	10-	10-	10-	10-	10-	...	...	32.7

Table A-4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

The SMSA	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Renter-occupied housing units	7 033	939	1 230	634	558	1 182	940	907	411	232	15 658	17 841	903
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>													
Married-couple families	2 654	78	308	221	204	621	385	535	192	110	19 013	21 965	156
15 to 24 years	727	32	111	72	75	146	114	117	36	24	17 842	20 056	42
25 to 34 years	1 033	30	104	96	73	324	140	209	47	10	17 494	19 314	87
35 to 44 years	391	4	40	30	19	49	91	90	37	31	22 267	26 187	23
45 to 64 years	425	—	28	16	31	92	40	107	66	45	25 306	29 239	—
65 years and over	78	12	25	7	6	10	—	12	6	—	10 714	14 086	4
Male householder, no wife present	2 369	251	308	198	218	382	435	304	170	103	18 066	19 361	275
15 to 24 years	902	89	148	75	72	156	210	89	58	5	17 706	17 648	106
25 to 34 years	924	55	72	108	69	176	169	164	76	35	19 516	21 012	70
35 to 44 years	188	10	13	8	22	30	41	28	—	36	20 764	24 419	10
45 to 64 years	229	57	32	—	33	20	9	23	28	27	14 432	20 503	49
65 years and over	126	40	43	7	22	—	6	—	8	—	6 742	9 888	40
Female householder, no husband present	2 010	610	614	215	136	179	120	68	49	19	8 245	10 604	472
15 to 24 years	554	135	177	73	61	21	26	41	20	—	8 878	11 126	128
25 to 34 years	434	40	119	85	33	91	35	11	11	9	11 706	13 821	67
35 to 44 years	157	24	57	26	7	19	14	—	—	10	9 777	13 075	28
45 to 64 years	361	104	113	10	35	40	25	16	18	—	8 867	11 800	88
65 years and over	504	307	148	21	—	8	20	—	—	—	4 415	5 632	161
Median age	29.6	54.1	30.3	27.0	28.7	28.1	28.0	30.6	32.5	39.0	...	...	33.3
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>													
1979 to March 1980	4 428	459	739	400	387	802	595	592	268	186	16 595	18 958	480
1975 to 1978	1 740	251	315	168	115	259	223	245	118	46	15 375	17 588	277
1970 to 1974	563	144	136	55	42	49	86	38	13	—	10 068	11 981	113
1960 to 1969	201	69	30	9	14	32	28	19	—	—	10 417	11 701	26
1959 or earlier	101	16	10	2	—	40	8	13	12	—	16 758	18 086	7
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>													
Complete plumbing for exclusive use	6 507	792	1 070	603	538	1 148	902	843	404	207	16 103	18 206	788
0.50 or less	4 089	677	731	438	370	594	516	423	261	79	13 841	16 269	536
0.51 to 1.00	2 102	92	275	154	141	483	347	402	95	113	19 145	21 627	188
1.01 to 1.50	213	23	43	1	27	62	19	16	22	—	15 590	17 051	43
1.51 or more	103	—	21	10	—	9	20	2	26	15	23 937	27 686	21
Lacking complete plumbing for exclusive use	526	147	160	31	20	34	38	64	7	25	8 167	13 325	115
0.50 or less	308	119	92	10	9	21	31	10	—	16	6 250	10 852	85
0.51 to 1.00	191	28	68	21	11	13	6	44	—	—	9 967	13 587	30
1.01 to 1.50	26	—	—	—	—	—	—	10	7	9	36 728	40 353	—
1.51 or more	1	—	—	—	—	—	1	—	—	—	21 250	21 895	—
<b>SELECTED CHARACTERISTICS</b>													
Heating equipment	7 033	939	1 230	634	558	1 182	940	907	411	232	15 658	17 841	903
Central heating system	6 280	844	1 073	521	451	1 024	887	856	398	226	16 228	18 313	799
Air conditioning	1 860	214	275	156	127	299	208	318	150	113	17 926	21 237	204
Central system	702	67	89	93	29	125	74	137	55	33	18 116	20 927	78
Vehicles available	6 432	621	1 064	600	536	1 148	924	896	411	232	16 703	18 882	699
1	3 049	501	677	340	275	496	338	267	101	54	12 559	14 626	499
2 or more	3 383	120	387	260	261	652	586	629	310	178	20 083	22 718	200
House heating fuel	7 033	939	1 230	634	558	1 182	940	907	411	232	15 658	17 841	903
Utility gas	6 142	831	1 129	597	511	967	746	792	367	202	15 015	17 729	790
Bottled, tank, or LP gas	133	28	8	6	5	40	27	—	19	—	18 233	17 638	28
Electricity	715	76	83	31	41	163	167	99	25	30	19 105	18 913	78
Fuel oil, kerosene, etc.	12	—	—	—	—	12	—	—	—	—	16 250	16 805	—
Other	31	4	10	—	1	—	—	16	—	—	25 078	16 461	7
Median rooms	4.0	3.1	3.3	3.8	4.1	4.2	4.2	4.5	4.8	4.3	...	...	3.3
Specified renter-occupied housing units	6 901	939	1 223	634	555	1 140	896	880	402	232	15 438	17 765	903
<b>CONTRACT RENT</b>													
Less than \$100	404	232	46	33	8	44	9	15	17	—	4 605	8 792	151
\$100 to \$149	438	123	157	42	42	6	30	31	7	—	7 182	10 231	86
\$150 to \$199	715	92	176	87	77	110	85	63	25	—	12 581	14 161	109
\$200 to \$249	864	169	206	85	59	153	91	85	16	—	11 676	12 993	169
\$250 to \$299	975	112	257	113	124	150	100	73	40	6	12 611	14 327	143
\$300 to \$349	1 086	75	100	103	87	257	176	150	94	44	18 312	20 650	73
\$350 to \$399	1 178	42	159	112	76	226	231	204	56	72	19 542	21 848	66
\$400 to \$499	733	32	41	41	39	127	84	203	84	82	25 130	27 955	50
\$500 or more	251	—	37	13	19	34	53	29	43	23	21 442	25 478	4
No cash rent	257	62	44	5	24	33	37	27	20	5	14 323	16 311	52
Median	\$296	\$188	\$251	\$273	\$287	\$318	\$333	\$352	\$346	\$394	...	...	\$219
<b>GROSS RENT</b>													
Less than \$100	268	192	44	17	4	11	—	—	—	—	4 033	4 801	118
\$100 to \$149	348	149	119	23	15	17	16	2	7	—	5 638	7 702	105
\$150 to \$199	582	76	143	103	80	31	72	74	3	—	11 748	13 957	81
\$200 to \$249	777	128	163	86	67	168	65	74	26	—	12 929	13 685	111
\$250 to \$299	832	93	248	107	61	132	71	65	49	6	11 752	14 587	119
\$300 to \$349	941	113	183	67	64	168	178	106	53	9	17 091	16 784	134
\$350 to \$399	909	65	95	82	110	187	141	90	60	79	17 599	21 868	66
\$400 to \$499	1 362	47	118	111	98	326	218	282	83	79	19 735	23 051	93
\$500 or more	625	14	66	33	32	67	98	160	101	54	25 189	26 362	24
No cash rent	257	62	44	5	24	33	37	27	20	5	14 323	16 311	52
Median	\$327	\$210	\$277	\$283	\$330	\$357	\$360	\$405	\$394	\$425	...	...	\$254
<b>GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>													
Less than 15 percent	1 115	17	10	31	29	73	170	288	274	223	32 465	36 438	1
15 to 19 percent	1 196	40	54	90	100	212	249	355	92	4	21 875	21 828	29
20 to 24 percent	995	27	128	52	61	261	255	195	16	—	19 537	18 775	25
25 to 29 percent	757	36	100	131	78	264	133	15	—	—	15 675	14 920	27
30 to 34 percent	554	57	87	77	114	201	18	—	—	—	13 728	12 786	40
35 to 49 percent	864	81	334	189	130	96	34	—	—	—	10 225	10 674	73
50 percent or more	1 080	536	466	59	19	—	—	—	—	—	5 029	4 987	573
Not computed	340	145	44	5	24	33	37	27	20	5	7 155	12 329	135
Median	24.9	50+	44.2	30.7	29.8	25.1	20.2	17.0	12.6	10—	...	...	50+



Table A—5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

The SMSA	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
Specified owner-occupied housing units .....	10 888	860	1 013	764	716	817	2 108	2 092	1 795	723	460
<b>PERSONS IN UNIT</b>											
1 person .....	877	170	81	51	31	56	189	156	67	76	422
2 persons .....	3 098	365	409	195	251	208	555	561	404	150	424
3 persons .....	2 339	123	274	232	168	158	396	450	422	116	456
4 persons .....	2 622	136	116	172	157	212	517	496	578	238	500
5 persons .....	1 362	60	97	79	79	110	314	321	200	102	479
6 persons .....	412	6	36	12	7	44	95	91	104	17	507
7 persons .....	127	—	—	8	23	22	37	11	20	6	424
8 or more persons .....	51	—	—	15	—	7	5	6	—	18	435
Median .....	3.13	2.21	2.56	3.09	2.95	3.41	3.28	3.23	3.51	3.58	...
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>											
Married-couple families .....	9 029	601	801	638	606	666	1 780	1 770	1 586	581	467
15 to 24 years .....	333	16	5	—	36	26	59	135	50	6	518
25 to 34 years .....	3 285	48	83	179	131	236	790	819	818	181	521
35 to 44 years .....	2 213	76	177	114	136	199	422	443	396	250	496
45 to 64 years .....	2 942	380	495	322	256	187	494	359	305	144	355
65 years and over .....	256	81	41	23	47	18	15	14	17	—	263
Male householder, no wife present .....	955	80	39	74	27	46	182	228	165	114	513
15 to 24 years .....	94	5	—	11	—	7	17	33	—	21	521
25 to 34 years .....	468	6	—	33	14	19	119	131	96	50	533
35 to 44 years .....	206	14	3	10	—	11	34	49	63	22	563
45 to 64 years .....	135	28	36	—	8	9	12	15	6	21	322
65 years and over .....	52	27	—	20	—	—	—	—	—	—	147
Female householder, no husband present .....	904	179	173	52	83	105	146	94	44	28	329
15 to 24 years .....	16	—	—	—	—	—	16	—	—	—	425
25 to 34 years .....	188	16	15	20	27	24	37	39	5	5	383
35 to 44 years .....	197	16	46	10	29	42	13	35	6	—	346
45 to 64 years .....	382	102	81	22	23	31	59	20	21	23	268
65 years and over .....	121	45	31	—	4	8	21	—	12	—	225
Median age .....	38.6	54.3	50.1	45.2	44.1	38.6	35.3	33.9	34.3	37.8	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>											
1979 to March 1980 .....	2 733	33	—	47	71	45	354	799	983	401	603
1975 to 1978 .....	4 534	87	168	203	269	460	1 344	1 092	678	233	481
1970 to 1974 .....	1 455	178	203	251	191	164	241	132	61	34	325
1960 to 1969 .....	1 622	387	524	219	131	109	102	55	54	41	240
1959 or earlier .....	544	175	118	44	54	39	67	14	19	14	241
<b>ROOMS</b>											
1 to 3 rooms .....	126	18	—	16	7	20	52	7	—	6	403
4 rooms .....	721	179	101	69	30	57	127	127	31	—	319
5 rooms .....	2 099	302	230	111	227	199	353	373	256	48	395
6 rooms .....	2 135	144	195	224	103	204	393	388	350	134	446
7 rooms .....	2 029	88	237	139	113	113	347	475	387	130	495
8 or more rooms .....	3 778	129	250	205	236	224	836	722	771	405	501
Median .....	6.7	5.3	6.4	6.3	6.4	6.1	6.9	6.8	7.2	7.8	...
<b>YEAR STRUCTURE BUILT</b>											
1975 to March 1980 .....	3 894	37	22	37	103	183	815	1 127	1 118	452	567
1970 to 1974 .....	930	22	38	87	59	108	220	198	150	48	469
1960 to 1969 .....	1 632	162	192	233	99	109	308	222	182	125	408
1950 to 1959 .....	2 919	359	525	237	277	235	581	361	257	87	363
1940 to 1949 .....	618	159	133	20	66	73	69	78	9	11	292
1939 or earlier .....	895	121	103	150	112	109	115	106	79	—	333
<b>VALUE</b>											
Less than \$10,000 .....	—	—	—	—	—	—	—	—	—	—	—
\$10,000 to \$19,999 .....	33	7	6	10	10	—	—	—	—	—	267
\$20,000 to \$29,999 .....	105	25	39	8	16	—	17	—	—	—	235
\$30,000 to \$39,999 .....	306	64	27	60	53	47	55	—	—	—	302
\$40,000 to \$49,999 .....	688	236	108	54	62	37	124	64	3	—	250
\$50,000 to \$59,999 .....	1 406	208	208	99	148	186	255	198	104	—	361
\$60,000 to \$79,999 .....	4 259	269	516	331	225	307	866	898	678	169	459
\$80,000 to \$99,999 .....	2 427	18	100	150	156	173	429	629	555	217	530
\$100,000 to \$149,999 .....	1 362	28	9	45	46	62	326	268	344	234	562
\$150,000 or more .....	302	5	—	7	—	5	36	35	111	103	685
Median .....	\$73 400	\$54 000	\$63 400	\$67 800	\$66 000	\$69 300	\$74 800	\$77 000	\$84 400	\$96 300	...
<b>SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>											
Less than 15 percent .....	3 579	594	783	537	312	298	468	322	229	36	288
15 to 19 percent .....	2 084	83	99	118	177	173	654	369	290	121	461
20 to 24 percent .....	1 934	63	29	42	103	166	472	556	423	80	517
25 to 29 percent .....	1 364	47	36	18	28	53	305	351	379	147	556
30 to 34 percent .....	580	11	18	7	17	22	48	211	136	110	579
35 percent or more .....	1 329	62	48	42	79	105	151	275	338	229	565
Not computed .....	18	—	—	—	—	—	10	8	—	—	490
Median .....	19.5	10—	10.2	11.9	16.3	18.2	19.4	23.2	24.5	29.2	...
<b>SELECTED CHARACTERISTICS</b>											
Heating equipment .....	10 888	860	1 013	764	716	817	2 108	2 092	1 795	723	460
Steam or hot water system .....	1 190	42	81	74	74	68	239	246	231	135	507
Central warm-air furnace or electric heat pump .....	8 422	665	820	541	537	640	1 658	1 632	1 384	545	461
Other built-in electric units .....	559	28	22	20	43	19	74	159	161	33	546
Floor, wall, or pipeless furnace .....	359	81	32	50	34	55	88	9	—	10	324
Other means .....	358	44	58	79	28	35	49	46	19	—	299
Air conditioning .....	2 955	233	405	279	235	256	564	404	393	186	412
Central system .....	780	15	62	75	59	78	132	144	101	114	468
1 or more individual room units .....	2 175	218	343	204	176	178	432	260	292	72	391
House heating fuel .....	10 888	860	1 013	764	716	817	2 108	2 092	1 795	723	460
Utility gas .....	9 871	806	972	712	649	771	1 943	1 862	1 537	619	452
Battled, tank, or LP gas .....	108	—	6	—	—	12	24	24	7	29	525
Electricity .....	753	33	22	29	50	28	118	185	222	66	552
Fuel oil, kerosene, etc. ....	8	—	—	—	—	—	—	8	—	—	550
Other .....	148	21	13	23	11	6	23	13	29	9	400

Table A—6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

## The SMSA

	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
<b>Specified owner-occupied housing units</b> .....	<b>3 174</b>	<b>46</b>	<b>533</b>	<b>957</b>	<b>786</b>	<b>427</b>	<b>291</b>	<b>46</b>	<b>88</b>	<b>102</b>
<b>PERSONS IN UNIT</b>										
1 person .....	742	9	200	297	160	46	25	5	—	89
2 persons .....	1 563	29	280	438	431	166	156	19	44	102
3 persons .....	478	8	42	99	103	155	49	7	15	122
4 persons .....	238	—	11	77	68	18	36	15	13	111
5 persons .....	76	—	—	8	16	27	21	—	4	138
6 persons .....	42	—	—	22	—	11	4	—	5	99
7 persons .....	27	—	—	11	5	4	—	—	7	113
8 or more persons .....	8	—	—	5	3	—	—	—	—	95
Median .....	2.04	1.98	1.74	1.91	2.04	2.51	2.27	2.45	2.50	...
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>										
<b>Married-couple families</b> .....	<b>2 113</b>	<b>22</b>	<b>289</b>	<b>568</b>	<b>525</b>	<b>365</b>	<b>227</b>	<b>33</b>	<b>84</b>	<b>108</b>
15 to 24 years .....	25	—	—	18	—	7	—	—	—	92
25 to 34 years .....	139	—	8	25	37	30	7	7	25	125
35 to 44 years .....	159	—	12	50	27	35	19	8	8	116
45 to 64 years .....	1 053	10	129	281	267	172	141	13	40	110
65 years and over .....	737	12	140	194	194	121	60	5	11	103
<b>Male householder, no wife present</b> .....	<b>317</b>	<b>17</b>	<b>88</b>	<b>96</b>	<b>59</b>	<b>36</b>	<b>21</b>	<b>—</b>	<b>—</b>	<b>89</b>
15 to 24 years .....	14	—	—	—	14	—	—	—	—	113
25 to 34 years .....	35	—	20	—	—	5	10	—	—	72
35 to 44 years .....	19	—	6	—	13	—	—	—	—	107
45 to 64 years .....	108	11	21	36	19	15	6	—	—	90
65 years and over .....	141	6	41	60	13	16	5	—	—	85
<b>Female householder, no husband present</b> .....	<b>744</b>	<b>7</b>	<b>156</b>	<b>293</b>	<b>202</b>	<b>26</b>	<b>43</b>	<b>13</b>	<b>4</b>	<b>93</b>
15 to 24 years .....	—	—	—	—	—	—	—	—	—	—
25 to 34 years .....	—	—	—	—	—	—	—	—	—	—
35 to 44 years .....	30	—	—	—	20	2	8	—	—	119
45 to 64 years .....	284	7	64	106	86	8	9	—	4	92
65 years and over .....	430	—	92	187	96	16	26	13	—	91
Median age .....	61.1	63.6	65.5	63.5	60.5	57.5	57.0	63.1	52.2	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>										
1979 to March 1980 .....	160	—	28	27	63	28	7	7	—	110
1975 to 1978 .....	370	—	37	90	69	113	34	5	22	121
1970 to 1974 .....	326	—	24	112	57	41	77	8	7	112
1960 to 1969 .....	703	21	112	161	213	105	64	7	20	107
1959 or earlier .....	1 615	25	332	567	384	140	109	19	39	95
<b>ROOMS</b>										
1 to 3 rooms .....	94	17	50	7	8	7	5	—	—	65
4 rooms .....	626	21	199	236	92	45	16	8	9	85
5 rooms .....	876	—	169	278	248	89	86	—	6	99
6 rooms .....	585	8	91	235	154	41	25	15	16	96
7 rooms .....	394	—	10	114	142	89	29	5	5	113
8 or more rooms .....	599	—	14	87	142	156	130	18	52	134
Median .....	5.5	3.8	4.6	5.3	5.8	6.9	7.0	6.5	8.0	...
<b>YEAR STRUCTURE BUILT</b>										
1975 to March 1980 .....	242	—	27	42	31	101	28	—	13	130
1970 to 1974 .....	129	—	—	37	44	7	32	—	9	116
1960 to 1969 .....	259	—	11	32	91	61	42	7	15	124
1950 to 1959 .....	1 084	2	117	440	287	93	95	31	19	99
1940 to 1949 .....	450	12	97	146	94	40	30	8	23	95
1939 or earlier .....	1 010	32	281	260	239	125	64	—	9	93
<b>VALUE</b>										
Less than \$10,000 .....	30	—	23	7	—	—	—	—	—	66
\$10,000 to \$19,999 .....	99	—	34	19	16	21	—	—	9	95
\$20,000 to \$29,999 .....	200	27	46	85	31	7	4	—	—	83
\$30,000 to \$39,999 .....	236	—	50	138	19	13	16	—	—	87
\$40,000 to \$49,999 .....	554	6	174	213	110	29	22	—	—	86
\$50,000 to \$59,999 .....	599	—	148	188	157	65	33	8	—	95
\$60,000 to \$79,999 .....	802	13	37	251	326	108	55	12	—	108
\$80,000 to \$99,999 .....	289	—	—	37	80	95	44	—	33	132
\$100,000 to \$149,999 .....	256	—	15	6	39	73	102	15	6	148
\$150,000 or more .....	109	—	6	13	8	16	15	11	40	188
Median .....	\$57 300	\$28 300	\$45 400	\$50 700	\$62 300	\$76 300	\$92 500	\$109 400	\$133 300	...
<b>SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>										
Less than 10 percent .....	1 936	39	313	606	474	288	179	18	19	101
10 to 14 percent .....	505	7	110	149	114	52	38	8	27	98
15 to 19 percent .....	265	—	63	40	114	31	17	—	—	106
20 to 24 percent .....	214	—	39	50	54	9	15	20	27	108
25 to 29 percent .....	54	—	3	21	—	22	8	—	—	128
30 to 34 percent .....	42	—	—	27	—	9	—	—	6	94
35 percent or more .....	142	—	5	48	30	16	34	—	9	115
Not computed .....	16	—	—	16	—	—	—	—	—	88
Median .....	10—	10—	10—	10—	10—	10—	10—	13.1	14.6	...
<b>SELECTED CHARACTERISTICS</b>										
<b>Heating equipment</b> .....	<b>3 174</b>	<b>46</b>	<b>533</b>	<b>957</b>	<b>786</b>	<b>427</b>	<b>291</b>	<b>46</b>	<b>88</b>	<b>102</b>
Steam or hot water system .....	378	2	28	90	124	52	70	7	5	114
Central warm-air furnace or electric heat pump .....	2 087	16	277	651	546	304	175	39	79	105
Other built-in electric units .....	34	—	—	10	5	8	7	—	4	131
Floor, wall, or pipeless furnace .....	345	14	134	133	41	10	13	—	—	80
Other means .....	330	14	94	73	70	53	26	—	—	95
<b>Air conditioning</b> .....	<b>1 082</b>	<b>24</b>	<b>93</b>	<b>361</b>	<b>335</b>	<b>115</b>	<b>84</b>	<b>31</b>	<b>39</b>	<b>105</b>
Central system .....	329	—	8	85	106	53	20	26	31	117
1 or more individual room units .....	753	24	85	276	229	62	64	5	8	99
<b>House heating fuel</b> .....	<b>3 174</b>	<b>46</b>	<b>533</b>	<b>957</b>	<b>786</b>	<b>427</b>	<b>291</b>	<b>46</b>	<b>88</b>	<b>102</b>
Utility gas .....	2 966	46	501	903	755	402	246	38	75	101
Bottled, tank, or LP gas .....	76	—	—	—	12	17	38	—	9	162
Electricity .....	79	—	10	23	19	8	7	8	4	109
Fuel oil, kerosene, etc. .....	—	—	—	—	—	—	—	—	—	—
Other .....	53	—	22	31	—	—	—	—	—	79



Table A—7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA

Occupied housing units

HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER

Married-couple families	14 168	4 879	1 676	2 096	4 022	1 495
15 to 24 years	825	413	146	94	130	42
25 to 34 years	4 358	2 116	571	446	991	234
35 to 44 years	2 993	1 297	351	539	636	170
45 to 64 years	4 718	980	547	862	1 700	629
65 years and over	1 274	73	61	155	565	420
Male householder, no wife present	2 177	583	422	267	624	281
15 to 24 years	283	80	71	56	68	8
25 to 34 years	813	290	142	121	210	50
35 to 44 years	395	124	110	32	100	29
45 to 64 years	416	82	66	46	118	104
65 years and over	270	7	33	12	128	90
Female householder, no husband present	2 463	378	266	306	927	586
15 to 24 years	149	43	58	28	8	12
25 to 34 years	351	92	84	38	119	18
35 to 44 years	337	114	42	43	91	47
45 to 64 years	893	113	73	126	382	199
65 years and over	733	16	9	71	327	310
Median age	41.8	34.6	37.0	44.1	50.1	57.6

YEAR HOUSEHOLDER MOVED INTO UNIT

1979 to March 1980	4 498	2 669	618	449	559	203
1975 to 1978	6 535	3 171	822	728	1 524	290
1970 to 1974	2 630	—	924	547	719	440
1960 to 1969	2 677	—	—	945	1 180	552
1959 or earlier	2 468	—	—	—	1 591	877

ROOMS

1 room	36	3	26	3	4	—
2 rooms	83	11	11	28	26	7
3 rooms	634	136	128	120	91	159
4 rooms	2 712	598	481	340	871	422
5 rooms	4 601	1 387	706	414	1 529	565
6 rooms	3 213	969	329	369	1 166	380
7 or more rooms	7 529	2 736	683	1 395	1 886	829
Median	5.9	6.3	5.3	6.6	5.7	5.6

PLUMBING FACILITIES BY PERSONS PER ROOM

Complete plumbing for exclusive use	18 708	5 825	2 335	2 656	5 544	2 348
0.50 or less	12 331	3 480	1 306	1 850	3 923	1 772
0.51 to 1.00	6 022	2 221	957	760	1 537	547
1.01 to 1.50	296	111	63	39	63	20
1.51 or more	59	13	9	7	21	9
Lacking complete plumbing for exclusive use	100	15	29	13	29	14
0.50 or less	31	10	4	—	10	7
0.51 to 1.00	63	5	25	8	19	6
1.01 to 1.50	—	—	—	—	—	—
1.51 or more	6	—	—	5	—	1

PERSONS IN UNIT

1 person	2 594	439	345	281	935	594
2 persons	6 140	1 541	623	914	2 110	952
3 persons	3 709	1 297	507	548	1 031	326
4 persons	3 735	1 502	552	532	897	252
5 persons	1 862	761	241	297	440	123
6 or more persons	768	300	96	97	160	115
Median	2.68	3.22	2.92	2.75	2.38	2.12
Total persons	56 603	19 714	7 453	8 259	15 282	5 895

UNITS IN STRUCTURE

1, detached or attached	14 897	4 438	1 111	2 053	5 275	2 020
2	199	6	5	18	49	121
3 and 4	227	30	38	14	26	119
5 to 9	151	14	16	15	81	25
10 to 49	190	58	60	11	17	44
50 or more	—	—	—	—	—	—
Mobile home or trailer, etc.	3 144	1 294	1 134	558	125	33

SELECTED CHARACTERISTICS

Heating equipment	18 805	5 840	2 364	2 666	5 573	2 362
Steam or hot water system	1 990	674	238	333	283	462
Central warm-air furnace or electric heat pump	14 284	4 389	2 000	2 152	4 499	1 244
Other built-in electric units	816	632	58	31	43	52
Floor, wall, or pipeless furnace	816	33	26	33	447	277
Other means	899	112	42	117	301	327
Air conditioning	5 951	1 385	941	1 047	1 942	636
Central system	1 692	529	304	328	406	125
1 or more individual room units	4 259	856	637	719	1 536	511
House heating fuel	18 805	5 840	2 364	2 666	5 573	2 362
Utility gas	16 639	4 585	2 123	2 357	5 341	2 233
Bottled, tank, or LP gas	573	201	110	159	70	33
Electricity	1 286	943	103	89	95	56
Fuel oil, kerosene, etc.	27	19	—	8	—	—
Other	280	92	28	53	67	40
Income in 1979 below poverty level	746	134	77	122	242	171
Percent below poverty level	4.0	2.3	3.3	4.6	4.3	7.2

HOUSEHOLD INCOME IN 1979

Less than \$5,000	804	91	51	123	315	224
\$5,000 to \$9,999	1 551	216	212	151	548	424
\$10,000 to \$12,499	799	122	112	88	307	170
\$12,500 to \$14,999	808	184	154	103	238	129
\$15,000 to \$19,999	2 117	528	311	346	627	305
\$20,000 to \$24,999	2 920	898	388	448	885	301
\$25,000 to \$34,999	5 055	1 924	580	713	1 398	440
\$35,000 to \$49,999	3 096	1 243	299	414	894	246
\$50,000 or more	1 658	634	257	283	361	123
Median	\$25 690	\$29 481	\$24 509	\$25 786	\$24 013	\$18 386
Mean	\$28 498	\$32 738	\$28 424	\$30 431	\$25 996	\$21 806

Owner-occupied housing units

Renter-occupied housing units

	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier
	18 808	5 840	2 364	2 669	5 573	2 362	7 033	1 712	700	884	1 944	1 793
14 168	4 879	1 676	2 096	4 022	1 495	2 654	732	321	343	713	545	
825	413	146	94	130	42	727	145	78	124	158	222	
4 358	2 116	571	446	991	234	1 033	344	85	107	312	185	
2 993	1 297	351	539	636	170	391	103	71	61	101	55	
4 718	980	547	862	1 700	629	425	113	71	41	125	75	
1 274	73	61	155	565	420	78	27	16	10	17	8	
2 177	583	422	267	624	281	2 369	572	155	279	715	648	
283	80	71	56	68	8	902	223	55	64	289	271	
813	290	142	121	210	50	924	210	69	136	289	220	
395	124	110	32	100	29	188	77	6	26	39	40	
416	82	66	46	118	104	229	53	8	21	59	88	
270	7	33	12	128	90	126	9	17	32	39	29	
2 463	378	266	306	927	586	2 010	408	224	262	516	600	
149	43	58	28	8	12	554	118	25	41	182	188	
351	92	84	38	119	18	434	112	44	15	111	152	
337	114	42	43	91	47	157	45	10	6	54	42	
893	113	73	126	382	199	361	46	47	64	104	100	
733	16	9	71	327	310	504	87	98	136	65	118	
41.8	34.6	37.0	44.1	50.1	57.6	29.6	30.4	34.5	32.8	28.5	28.4	
4 498	2 669	618	449	559	203	4 428	1 433	387	525	1 009	1 074	
6 535	3 171	822	728	1 524	290	1 740	279	180	261	567	453	
2 630	—	924	547	719	440	563	—	133	50	204	176	
2 677	—	—	945	1 180	552	201	—	—	48	86	67	
2 468	—	—	—	1 591	877	101	—	—	—	78	23	
36	3	26	3	4	—	173	—	8	62	12	91	
83	11	11	28	26	7	577	34	16	90	182	255	
634	136	128	120	91	159	1 651	337	246	213	364	491	
2 712	598	481	340	871	422	2 447	946	194	195	574	538	
4 601	1 387	706	414	1 529	565	1 291	286	174	180	459	192	
3 213	969	329	369	1 166	380	482	60	42	75	186	119	
7 529	2 736	683	1 395	1 886	829	412	49	20	69	167	107	
5.9	6.3	5.3	6.6	5.7	5.6	4.0	4.0	3.9	3.9	4.2	3.6	
18 708	5 825	2 335	2 656	5 544	2 348	6 507	1 609	675	747	1 875	1 601	
12 331	3 480	1 306	1 850	3 923	1 772	4 089	989	396	489	1 117	1 098	
6 022	2 221	957	760	1 537	547	2 102	580	216	239	620	447	
296	111	63	39	63	20	213	38	28	9	88	50	
59	13	9	7	21	9	103	2	35	10	50	6	
100	15	29	13	29	14	526	103	25	137	69	192	
31	10	4	—	10	7	308	41	9	118	38	102	
63	5	25	8	19	6	191	52	7	18	24	90	
—	—	—	—	—	—	26	10	9	—	7	—	
6	—	—	5	—	1	1	—	—	1	—	—	
2 594	439	345	281	935	594	2 750	534	241	407	646	922	
6 140	1 541	623	914	2 110	952	2 034	577	208	262	557	430	
3 709	1 297	507	548	1 031	326	1 028	315	114	107	282	210	
3 735	1 502	552	532	897	252	737	215	73	70	232	147	
1 862	761	241	297	440	123	340	65	22	29	156	68	
768	300	96	97	160	115	144	6	42	9	71	16	
2.68	3.22	2.92	2.75	2.38	2.12	1.88	2.06	2.02	1.63	2.09	1.47	
56 603	19 714	7 453	8 259	15 282	5 895	14 544	3 636	1 645	1 580	4 481	3 202	
14 897	4 438	1 111	2 053	5 275	2 020	2 263	145	159	301	941	717	
199	6	5	18	49	121	674	4	45	48	315	262	
227	30	38	14	26	119	1 247	572	34	142	257	242	
151	14	16	15	81	25	587	114	62	78	177	156	
190	58	60	11	17	44	1 451	626	270	69	101	385	
—	—	—	—	—	—	426	119	54	151	84	18	
3 144	1 294	1 134	558	125	33	385	132	76	95	69	13	
18 805	5 840	2 364	2 666	5 573	2 362	7 033	1 712	700	884	1 944	1 793	
1 990	674	238	333	283	462	1 459	516	254	103	185	401	
14 284	4 389	2 000	2 152	4 499	1 244	3 529	785	369	610	1 074	691	
816	632	58	31	43	52	540	359	17	40	80	44	
816	33	26	33	447	277	752	29	53	46	358	266	
899	112	42	117	301	327	753	23	7	85	247	391	
5 951	1 385	941	1 047	1 942	636	1 860	750	420	185	286	219	
1 692	529	304	328	406	125	702	366	127	54	130	25	
4 259	856	637	719	1 536	511	1 158	384	293	131	156	194	
18 805	5 840	2 364	2 666	5 573	2 362	7 033	1 712	700	884	1 944	1 793	
16 639	4 585	2 123	2 357	5 341	2 233	6 142	1 213	628	837	1 787	1 677	
573	201	110	159	70	33	133	12	32	6	34	49	
1 286	943	103	89	95	56	715	477	33	40	102	63	
27	19	—	8	—	—	12	—	—	—	12	—	
280	92	28	53	67	40	31	10	7	1	9	4	
746	134	77	122	242	171	903	117	113	104	273	296	
4.0	2.3	3.3	4.6	4.3	7.2	12.8	6.8	16.1	11.8	14.0	16.5	
804	91	51	123	315	224	939	117	137	183	212	290	
1 551	216	212	151	548	424	1 230	194	77	134	392	433	
799	122	112	88	307	170	634	140	29	84	170	211	
808	184	154	103	238	129	558	87	26	111	108	226	
2 117	528	311	346	627	305	1 182	329	110	101	347	295	
2 920	898	388	448	885	301	940	332	69	68	319	152	
5 055	1 924	580	713	1 398	440	907	287	129	135	227	129	
3 096	1 243	299	414	894	246	411	104	76	62	137	32	
1 658	634	257	283	361	123	232	122	47	6	32	25	
\$25 690	\$29 481	\$24 509	\$25 786	\$24 013	\$18 386	\$15 658	\$19 863	\$18 606	\$13 423	\$16 331	\$12 054	
\$28 498	\$32 738	\$28 424	\$30 431	\$25 996	\$21 806	\$17 841	\$22 666	\$20 854	\$15 715	\$17 505	\$13 465	



Table A—8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

## The SMSA

	Owner-occupied housing units				Renter-occupied housing units							
	Total	1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	Mobile home or trailer, etc.
Occupied housing units	18 808	14 897	767	3 144	7 033	2 263	674	1 247	587	1 451	426	385
Condominium housing units	160	43	117	—	78	—	—	—	—	78	—	—
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
Married-couple families	14 168	11 807	369	1 992	2 654	1 168	207	527	146	359	45	202
15 to 24 years	825	371	8	446	727	255	107	175	32	95	25	38
25 to 34 years	4 358	3 592	55	711	1 033	474	56	250	37	133	—	83
35 to 44 years	2 993	2 573	64	356	391	235	—	55	28	36	—	37
45 to 64 years	4 718	4 203	164	351	425	187	44	40	46	76	—	32
65 years and over	1 274	1 068	78	128	78	17	—	7	3	19	20	12
Male householder, no wife present	2 177	1 330	234	613	2 369	648	227	468	252	563	103	108
15 to 24 years	283	115	14	154	902	212	90	218	101	205	9	67
25 to 34 years	813	524	98	191	924	317	116	148	82	207	42	12
35 to 44 years	395	230	23	142	188	39	11	60	6	46	5	21
45 to 64 years	416	262	56	98	229	70	—	30	28	74	19	8
65 years and over	270	199	43	28	126	10	10	12	35	31	28	—
Female householder, no husband present	2 463	1 760	164	539	2 010	447	240	252	189	529	278	75
15 to 24 years	149	16	—	133	554	85	116	67	40	184	30	32
25 to 34 years	351	199	11	141	434	110	60	70	60	116	10	8
35 to 44 years	337	243	9	85	157	36	5	33	25	50	—	8
45 to 64 years	893	711	58	124	361	138	52	53	28	55	18	17
65 years and over	733	591	86	56	504	78	7	29	36	124	220	10
Median age	41.8	43.5	53.5	32.2	29.6	30.5	25.8	28.2	30.1	29.3	69.7	29.3
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980	4 498	3 136	153	1 209	4 428	1 290	448	983	333	1 022	129	223
1975 to 1978	6 535	5 131	226	1 178	1 740	639	153	186	135	316	196	115
1970 to 1974	2 630	1 879	123	628	563	166	50	52	93	104	75	23
1960 to 1969	2 677	2 468	86	123	201	110	9	26	—	9	26	21
1959 or earlier	2 468	2 283	179	6	101	58	14	—	26	—	—	3
<b>ROOMS</b>												
1 room	36	4	—	32	173	20	—	—	—	115	30	8
2 rooms	83	14	23	46	577	56	64	52	95	189	79	42
3 rooms	634	236	96	302	1 651	233	173	255	201	425	283	81
4 rooms	2 712	1 428	177	1 107	2 447	558	277	710	199	585	24	94
5 rooms	4 601	3 143	172	1 286	1 291	726	94	160	78	103	—	130
6 rooms	3 213	2 894	93	226	482	338	30	26	14	34	10	30
7 or more rooms	7 529	7 178	206	145	412	332	36	44	—	—	—	—
Median	5.9	6.4	5.0	4.6	4.0	4.9	3.9	3.9	3.5	3.5	2.9	4.2
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
Complete plumbing for exclusive use	18 708	14 867	728	3 113	6 507	2 243	598	1 090	587	1 318	293	378
0.50 or less	12 331	10 268	542	1 521	4 089	1 249	388	684	438	933	210	187
0.51 to 1.00	6 022	4 405	178	1 439	2 102	831	165	373	149	340	83	161
1.01 to 1.50	296	157	8	131	213	102	20	27	—	45	—	19
1.51 or more	59	37	—	22	103	61	25	6	—	—	—	11
Lacking complete plumbing for exclusive use	100	30	39	31	526	20	76	157	—	133	133	7
0.50 or less	31	17	6	8	308	3	29	86	—	68	115	7
0.51 to 1.00	63	13	32	18	191	17	39	52	—	65	18	—
1.01 to 1.50	—	—	—	—	26	—	7	19	—	—	—	—
1.51 or more	6	—	1	5	1	—	1	—	—	—	—	—
<b>BEDROOMS</b>												
None	51	11	6	34	340	33	8	5	27	200	59	8
1	749	390	115	244	2 243	372	230	329	273	632	318	89
2	5 011	3 300	349	1 362	2 962	862	290	811	240	579	39	141
3	7 905	6 287	175	1 443	1 185	743	118	102	38	27	10	147
4	3 770	3 624	89	57	234	184	28	—	9	13	—	—
5 or more	1 322	1 285	33	4	69	69	—	—	—	—	—	—
<b>HOUSEHOLD INCOME IN 1979</b>												
Less than \$5,000	804	602	45	157	939	173	93	97	96	186	237	57
\$5,000 to \$9,999	1 551	1 121	112	318	1 230	333	126	149	104	374	92	52
\$10,000 to \$12,499	799	530	75	194	634	189	57	64	99	154	20	51
\$12,500 to \$14,999	808	463	27	318	558	162	95	98	47	92	23	41
\$15,000 to \$19,999	2 117	1 478	78	561	1 182	468	109	241	20	241	—	103
\$20,000 to \$24,999	2 920	2 187	105	628	940	318	88	240	99	124	10	61
\$25,000 to \$34,999	5 055	4 220	178	657	907	355	31	225	87	168	28	13
\$35,000 to \$49,999	3 096	2 786	79	231	411	224	38	53	7	66	16	7
\$50,000 or more	1 658	1 510	68	80	232	41	37	80	28	46	—	—
Median	\$25 690	\$27 376	\$22 679	\$20 186	\$15 658	\$17 850	\$14 105	\$19 502	\$12 361	\$12 813	\$4 623	\$14 482
Mean	\$28 498	\$30 275	\$24 465	\$21 057	\$17 841	\$19 458	\$17 426	\$21 232	\$16 826	\$16 908	\$8 163	\$13 849
<b>SELECTED CHARACTERISTICS</b>												
Heating equipment	18 805	14 897	767	3 141	7 033	2 263	674	1 247	587	1 451	426	385
Steam or hot water system	1 990	1 696	205	89	1 459	123	46	212	142	716	212	8
Central warm-air furnace or electric heat pump	14 284	10 950	408	2 926	3 529	1 389	383	528	267	437	185	340
Other built-in electric units	816	733	67	16	540	120	26	273	28	45	29	19
Floor, wall, or pipeless furnace	816	755	18	43	752	384	151	136	53	28	—	—
Other means	899	763	69	67	753	247	68	98	97	225	—	18
Air conditioning	5 951	4 256	264	1 431	1 860	335	52	184	127	797	174	191
Central system	1 692	1 197	76	419	702	75	11	52	61	327	114	62
Vehicles available	18 536	14 678	755	3 103	6 432	2 199	623	1 196	509	1 278	252	375
1	3 775	2 679	255	841	3 049	815	371	511	322	757	131	142
2 or more	14 761	11 999	500	2 262	3 383	1 384	252	685	187	521	121	233
House heating fuel	18 805	14 897	767	3 141	7 033	2 263	674	1 247	587	1 451	426	385
Utility gas	16 639	13 358	636	2 645	6 142	2 031	638	820	546	1 369	397	341
Bottled, tank, or LP gas	573	258	28	287	133	63	5	41	6	—	—	18
Electricity	1 286	1 014	88	184	715	140	31	372	35	82	29	26
Fuel oil, kerosene, etc.	27	19	—	8	12	12	—	—	—	—	—	—
Other	280	248	15	17	31	17	—	14	—	—	—	—
Water heating fuel	18 795	14 897	767	3 131	7 013	2 243	674	1 247	587	1 451	426	385
Utility gas	15 555	12 576	615	2 364	5 865	1 972	614	819	534	1 265	353	308
Bottled, tank, or LP gas	416	179	38	199	132	60	5	26	16	—	—	25
Electricity	2 789	2 118	114	557	1 016	211	55	402	37	186	73	52
Fuel oil, kerosene, etc.	—	—	—	—	—	—	—	—	—	—	—	—
Other	35	24	—	11	—	—	—	—	—	—	—	—
Family householder	15 662	12 843	447	2 372	3 331	1 397	330	620	202	473	65	244
With own children under 18 years	8 650	6 991	174	1 485	1 989	956	203	335	91	210	20	174
With own children under 6 years	4 185	3 192	54	939	1 309	599	124	259	44	133	20	130
Female householder, no husband present	1 044	753	46	245	488	150	91	51	42	107	20	27
With own children under 18 years	659	427	13	219	381	96	66	51	35	86	20	27
With own children under 6 years	169	81	6	82	192	41	17	31	12	52	20	19
Nonfamily householder	3 146	2 054	320	772	3 702	866	344	627	385	978	361	141
Income in 1979 below poverty level	746	543	23	180	903	222	109	111	66	176	166	53
Percent below poverty level	4.0	3.6	3.0	5.7	12.8	9.8	16.2	8.9	11.2	12.1	39.0	13.8



Table A—9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
Owner-occupied housing units -----	18 808	2 594	6 140	3 709	3 735	1 862	513	189	66	2.68	56 603
Nonrelatives present -----	1 029	-	451	194	205	93	53	33	-	2.83	3 515
ROOMS -----											
1 to 3 rooms -----	753	323	239	95	63	17	7	-	9	1.72	1 546
4 rooms -----	2 712	743	1 274	396	213	58	20	8	-	1.98	5 832
5 rooms -----	4 601	726	1 553	973	799	415	103	25	7	2.52	13 234
6 rooms -----	3 213	402	1 112	597	731	275	68	20	8	2.65	9 447
7 rooms -----	2 718	196	783	626	717	298	65	33	-	3.11	8 754
8 or more rooms -----	4 811	204	1 179	1 022	1 212	799	250	103	42	3.50	17 790
Median -----	5.9	4.8	5.5	6.2	6.6	7.1	7.4	7.7	8.0	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM -----											
Complete plumbing for exclusive use -----	18 708	2 579	6 116	3 681	3 710	1 855	513	188	66	2.68	56 281
1.00 or less -----	18 353	2 579	6 111	3 679	3 649	1 780	383	136	36	2.63	54 298
1.01 to 1.50 -----	296	-	-	2	54	58	123	45	14	5.78	1 605
1.51 or more -----	79	-	5	-	7	17	7	7	16	5.57	378
Lacking complete plumbing for exclusive use -----	100	15	24	28	25	7	-	1	-	2.89	322
1.00 or less -----	94	15	21	28	23	7	-	-	-	2.89	297
1.01 to 1.50 -----	-	-	-	-	-	-	-	-	-	-	-
1.51 or more -----	6	-	3	-	2	-	-	1	-	3.00	25
UNITS IN STRUCTURE -----											
1, detached or attached -----	14 897	1 748	4 950	2 917	3 058	1 544	467	154	59	2.76	45 490
2 or more -----	767	254	228	140	88	49	7	1	-	2.07	1 893
Mobile home or trailer, etc. -----	3 144	592	962	652	589	269	39	34	7	2.53	9 220
VALUE -----											
Specified owner-occupied housing units -----	14 062	1 619	4 661	2 817	2 860	1 438	454	154	59	2.77	42 902
Less than \$10,000 -----	30	12	10	8	-	-	-	-	-	1.80	60
\$10,000 to \$19,999 -----	132	44	44	24	6	2	8	4	-	2.00	335
\$20,000 to \$29,999 -----	305	64	169	34	19	12	4	-	3	2.02	603
\$30,000 to \$39,999 -----	542	144	197	57	70	45	7	8	14	2.14	1 250
\$40,000 to \$49,999 -----	1 242	257	544	207	134	57	25	11	7	2.17	3 065
\$50,000 to \$59,999 -----	2 005	330	701	412	320	177	35	30	-	2.46	5 700
\$60,000 to \$79,999 -----	5 061	499	1 655	1 018	1 126	508	202	42	11	2.87	15 812
\$80,000 to \$99,999 -----	2 716	168	767	576	713	345	101	28	18	3.23	8 927
\$100,000 to \$149,999 -----	1 618	83	430	387	394	246	56	16	6	3.26	5 562
\$150,000 or more -----	411	18	144	94	78	46	16	15	-	2.96	1 588
Median -----	\$70 600	\$58 500	\$67 900	\$74 300	\$75 300	\$76 100	\$73 500	\$68 100	\$64 600	...	...
SELECTED CHARACTERISTICS -----											
All income levels in 1979 -----	18 808	2 594	6 140	3 709	3 735	1 862	513	189	66	2.68	56 603
Median income -----	\$25 690	\$12 639	\$25 011	\$28 202	\$28 408	\$29 826	\$28 413	\$30 054	\$23 889	...	...
Median selected monthly owner costs as percentage of household income -----	17.1	19.9	14.0	16.8	20.0	17.8	18.2	16.7	17.5	...	...
With a mortgage -----	19.5	24.6	17.8	18.6	21.0	18.2	19.6	18.7	19.7	...	...
Not mortgaged -----	10-	13.2	10-	10-	10-	10-	10-	10-	10-	...	...
Income in 1979 below poverty level -----	746	256	202	128	75	54	17	-	14	2.08	...
Median income -----	\$3 558	\$2500-	\$3 472	\$4 226	\$5 795	\$5 391	\$27 639	-	\$12 500	...	...
Median selected monthly owner costs as percentage of household income -----	50+	50+	48.7	46.4	50+	50+	50+	-	45.0	...	...
With a mortgage -----	50+	50+	50+	50+	50+	50+	50+	-	45.0	...	...
Not mortgaged -----	32.7	42.3	41.6	27.2	50+	24.7	-	-	-	...	...
Renter-occupied housing units -----	7 033	2 750	2 034	1 028	737	340	16	69	59	1.88	14 544
Nonrelatives present -----	1 163	-	741	253	80	47	2	30	10	2.28	2 879
ROOMS -----											
1 room -----	173	155	8	10	-	-	-	-	-	1.06	205
2 rooms -----	577	430	82	52	5	8	-	-	-	1.17	755
3 rooms -----	1 651	1 067	372	166	42	2	-	2	-	1.27	2 537
4 rooms -----	2 447	736	974	360	252	99	2	18	6	2.00	5 085
5 rooms -----	1 291	217	434	289	214	77	12	12	36	2.49	3 257
6 rooms -----	482	82	87	92	120	78	2	12	9	3.28	1 446
7 or more rooms -----	412	63	77	59	104	76	-	25	8	3.57	1 259
Median -----	4.0	3.2	4.1	4.3	4.8	5.3	5.0	5.7	5.2	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM -----											
Complete plumbing for exclusive use -----	6 507	2 427	1 913	966	727	330	16	69	59	1.93	13 717
1.00 or less -----	6 191	2 427	1 905	911	690	231	2	25	-	1.85	12 131
1.01 to 1.50 -----	213	-	-	45	32	90	14	24	8	4.83	979
1.51 or more -----	103	-	8	10	5	9	-	20	51	7.47	607
Lacking complete plumbing for exclusive use -----	526	323	121	62	10	10	-	-	-	1.31	827
1.00 or less -----	499	323	121	55	-	-	-	-	-	1.27	710
1.01 to 1.50 -----	26	-	-	7	10	9	-	-	-	4.10	110
1.51 or more -----	1	-	-	-	-	1	-	-	-	5.00	7
UNITS IN STRUCTURE -----											
1, detached or attached -----	2 263	509	654	422	353	223	2	41	59	2.45	5 868
2 -----	674	263	176	91	85	31	10	18	-	1.92	1 433
3 and 4 -----	1 247	445	400	217	124	55	-	6	-	1.95	2 461
5 to 9 -----	587	267	205	75	40	-	-	-	-	1.63	1 033
10 to 49 -----	1 451	812	432	149	39	19	-	-	-	1.39	2 324
50 or more -----	426	337	69	20	-	-	-	-	-	1.13	541
Mobile home or trailer, etc. -----	385	117	98	54	96	12	4	4	-	2.27	884
GROSS RENT -----											
Specified renter-occupied housing units -----	6 901	2 738	1 983	1 002	727	322	16	63	50	1.86	14 104
Less than \$100 -----	268	244	18	-	-	-	-	-	-	1.05	389
\$100 to \$149 -----	348	219	75	32	8	2	-	12	-	1.29	601
\$150 to \$199 -----	582	377	80	65	37	13	10	-	-	1.27	948
\$200 to \$249 -----	777	456	145	115	51	10	-	-	-	1.35	1 225
\$250 to \$299 -----	832	467	222	90	31	10	-	6	6	1.39	1 387
\$300 to \$349 -----	941	328	415	112	63	20	1	2	-	1.84	1 608
\$350 to \$399 -----	909	277	327	157	92	46	1	-	9	2.04	1 815
\$400 to \$499 -----	1 362	205	436	327	266	118	2	8	-	2.62	3 542
\$500 or more -----	625	70	197	70	155	67	2	29	35	3.15	1 918
No cash rent -----	257	95	68	34	24	36	-	-	-	1.99	671
Median -----	\$327	\$253	\$350	\$372	\$426	\$436	\$198	\$469	\$500+	...	...
SELECTED CHARACTERISTICS -----											
All income levels in 1979 -----	7 033	2 750	2 034	1 028	737	340	16	69	59	1.88	14 544
Median income -----	\$15 658	\$9 673	\$17 888	\$19 596	\$19 515	\$19 516	\$32 000	\$23 958	\$37 132	...	...
Median gross rent as percentage of household income -----	24.9	27.9	23.4	19.8	26.3	29.5	10-	16.3	19.4	...	...
Income in 1979 below poverty level -----	903	506	150	109	89	37	-	6	6	1.39	...
Median income -----	\$2 936	\$2500-	\$2 990	\$4 613	\$6 114	\$6 691	-	\$6 250	\$8 750	...	...
Median gross rent as percentage of household income -----	50+	50+	50+	50+	50+	50+	-	50+	32.5	...	...

Table A-10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

	Married-couple families						Male householder, no wife present						Female householder, no husband present						Median age
	15 to 24 years		25 to 34 years		35 to 44 years		15 to 24 years		25 to 34 years		35 to 44 years		15 to 24 years		25 to 34 years		35 to 44 years		
	Total	65 years and over	Total	65 years and over	Total	65 years and over	Total	65 years and over	Total	65 years and over	Total	65 years and over	Total	65 years and over	Total	65 years and over	Total	65 years and over	
<b>The SMSA</b>																			
<b>Owner-occupied housing units</b>																			
<b>PERSONS IN UNIT</b>																			
1 person	2 594	1 131	2 353	1 131	2 353	1 131	164	378	226	265	247	270	149	351	337	893	733	41.8	
2 persons	6 140	2 997	5 244	2 997	5 244	2 997	89	238	112	84	16	247	75	107	38	511	583	55.5	
3 persons	3 709	1 554	3 099	1 554	3 099	1 554	30	112	22	38	7	16	43	83	64	247	123	52.4	
4 persons	3 735	1 554	3 099	1 554	3 099	1 554	6	75	20	27	7	7	13	79	142	62	24	39.8	
5 persons	1 862	768	1 599	768	1 599	768	—	10	14	2	—	—	7	12	26	6	—	34.9	
6 or more persons	768	281	3 735	281	3 735	281	136	162	137	128	105	105	149	233	297	1 377	1 133	36.4	
Median	2 614	1 131	2 353	1 131	2 353	1 131	136	162	137	128	105	105	149	233	297	1 377	1 133	39.1	
Total persons	56 603	2 828	13 886	2 828	13 886	2 828	456	1 562	704	765	294	294	909	1 069	1 543	940	940	85.1	
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>																			
Complete plumbing for exclusive use	18 708	814	4 341	2 978	4 692	1 267	283	813	395	406	256	256	149	351	337	893	733	41.8	
1.01 or more persons per room	355	2	158	123	38	5	2	8	3	6	14	14	7	—	—	—	—	35.0	
Lacking complete plumbing for exclusive use	100	11	17	15	26	1	—	—	—	—	—	—	—	—	—	—	—	52.1	
1.01 or more persons per room	6	—	2	3	—	—	—	—	—	—	—	—	—	—	—	—	—	41.7	
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>																			
<b>With a mortgage</b>																			
Less than 15 percent	14 062	358	3 424	2 372	3 995	993	108	503	225	243	193	193	16	188	227	666	551	43.5	
15 to 19 percent	10 888	333	3 285	2 213	2 942	256	94	468	206	135	52	52	16	188	197	382	121	38.6	
20 to 24 percent	3 579	52	564	517	469	94	14	69	29	43	21	21	—	—	21	100	24	38.5	
25 to 29 percent	2 084	38	636	397	282	33	28	106	48	47	13	13	—	—	23	102	—	33.0	
30 to 34 percent	1 934	48	844	249	200	18	17	102	81	12	10	10	—	—	23	18	11	34.4	
35 percent or more	1 364	110	576	249	200	18	14	73	31	5	8	8	—	—	25	28	6	33.0	
Not computed	580	29	259	99	76	9	—	37	8	—	—	—	—	—	5	18	—	33.5	
Median	1 329	56	406	141	205	72	21	81	9	22	—	—	—	—	86	65	80	35.0	
<b>Not mortgaged</b>																			
Less than 10 percent	3 174	263	226	179	133	206	215	229	216	176	169	169	50+	299	272	195	50+	37.5	
10 to 14 percent	1 936	19	139	159	105	73	14	35	19	108	141	141	—	—	30	284	430	61.1	
15 to 19 percent	505	—	73	118	884	400	14	35	19	90	31	31	—	—	23	138	106	57.3	
20 to 24 percent	265	—	29	29	47	140	—	—	—	18	43	43	—	—	5	75	105	68.2	
25 to 29 percent	214	—	7	4	24	120	—	—	—	—	9	9	—	—	2	15	63	70.9	
30 to 34 percent	54	—	23	8	56	16	—	—	—	—	2	2	—	—	—	32	78	64.2	
35 percent or more	42	—	—	—	16	15	—	—	—	—	16	16	—	—	—	10	23	65.4	
Not computed	142	6	7	—	26	43	—	—	—	—	—	—	—	—	—	12	48	66.9	
Median	16	10—	10—	10—	10—	10—	12.5	10—	10—	10—	14.0	14.0	—	—	10—	10.3	15.1	67.5	
Total persons	7 033	727	1 033	391	425	78	902	924	188	229	126	126	554	434	157	361	504	29.6	
<b>Renter-occupied housing units</b>																			
<b>PERSONS IN UNIT</b>																			
1 person	2 750	355	275	64	192	75	415	578	150	157	119	119	316	232	70	234	479	32.2	
2 persons	2 034	218	264	94	68	3	395	245	16	21	7	7	146	105	39	74	25	28.5	
3 persons	1 028	105	309	117	96	—	67	73	22	47	—	—	71	56	11	34	—	26.3	
4 persons	737	39	151	71	44	—	17	16	—	—	—	—	21	21	18	17	—	31.5	
5 persons	340	10	34	45	25	—	8	12	—	4	—	—	—	14	9	—	—	32.4	
6 or more persons	144	254	341	382	280	202	159	130	113	123	103	103	138	6	10	2	103	36.5	
Median	188	1784	3 276	1 493	1 316	173	1 399	1 327	230	368	130	130	814	749	382	541	562	85.1	
Total persons	14 544	679	980	391	417	70	827	889	146	200	106	106	507	404	157	349	385	29.5	
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>																			
Complete plumbing for exclusive use	6 507	57	118	46	19	8	7	12	—	20	20	20	11	14	10	2	—	29.5	
1.01 or more persons per room	316	48	53	—	8	—	75	35	42	29	—	—	47	30	—	12	—	30.9	
Lacking complete plumbing for exclusive use	526	9	10	—	—	—	1	7	—	—	—	—	—	—	—	—	—	32.9	
1.01 or more persons per room	27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	27.5	
<b>GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>																			
<b>Specified renter-occupied housing units</b>																			
Less than 15 percent	6 901	709	1 018	362	412	71	885	900	184	229	126	126	554	434	157	356	504	29.6	
15 to 19 percent	1 115	145	111	72	116	11	90	227	50	67	31	31	47	56	10	47	35	31.0	
20 to 24 percent	1 196	134	194	36	131	—	164	175	50	23	29	29	77	49	20	57	57	29.7	
25 to 29 percent	995	117	177	60	34	—	164	170	65	52	—	—	36	30	15	26	49	29.4	
30 to 34 percent	757	124	68	46	23	6	126	105	5	5	—	—	60	81	15	37	56	26.8	
35 to 39 percent	554	41	116	35	13	15	76	68	4	8	24	24	9	52	7	33	73	29.5	
40 to 49 percent	864	80	154	45	42	19	89	61	—	—	13	13	133	86	36	60	64	28.2	
50 percent or more	1 080	66	149	44	3	20	146	72	—	—	46	46	172	80	49	64	51	30.4	
Not computed	340	2	49	24	50	—	30	42	10	15	10	10	20	80	5	32	31	41.7	
Median	24.9	23.2	25.2	25.1	17.5	32.8	25.4	20.8	18.7	21.6	19.7	19.7	40.2	30.1	38.5	29.3	32.7	...	



Table A—11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	Male householder							Female householder					
	Total	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over
Owner-occupied housing units	2 594	1 280	164	378	226	265	247	1 314	75	107	38	511	583
PLUMBING FACILITIES													
Complete plumbing for exclusive use	2 579	1 265	164	378	226	261	236	1 314	75	107	38	511	583
Lacking complete plumbing for exclusive use	15	15	—	—	—	4	11	—	—	—	—	—	—
UNITS IN STRUCTURE													
1, detached or attached	1 748	778	68	250	113	168	179	970	12	61	23	390	484
2 or more	254	153	14	44	15	37	43	101	—	5	—	35	61
Mobile home or trailer, etc.	592	349	82	84	98	60	25	243	63	41	15	86	38
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	464	89	3	—	—	24	62	375	19	5	22	76	253
\$5,000 to \$9,999	538	103	3	10	—	9	81	435	23	27	3	145	237
\$10,000 to \$12,499	284	155	45	45	—	37	28	129	5	33	—	72	19
\$12,500 to \$14,999	198	66	26	5	—	15	20	132	28	23	—	65	16
\$15,000 to \$19,999	342	213	13	78	21	69	32	129	—	14	6	70	39
\$20,000 to \$24,999	300	261	46	99	71	34	11	39	—	—	7	26	6
\$25,000 to \$34,999	320	285	21	107	79	65	13	35	—	5	—	23	7
\$35,000 to \$49,999	86	58	7	18	28	5	—	28	—	—	—	28	—
\$50,000 or more	62	50	—	16	27	7	—	12	—	—	—	6	6
Median	\$12 639	\$20 205	\$16 786	\$21 848	\$27 951	\$18 371	\$8 963	\$7 987	\$8 875	\$11 629	\$4 250	\$11 198	\$5 646
Mean	\$15 870	\$21 620	\$18 062	\$24 435	\$33 191	\$20 478	\$10 310	\$10 269	\$8 515	\$11 788	\$8 192	\$13 438	\$7 574
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
Specified owner-occupied housing units	1 619	745	61	235	113	163	173	874	12	55	16	347	444
With a mortgage	877	509	47	224	113	86	39	368	12	55	16	182	103
Less than \$200	170	47	5	—	3	18	21	123	—	10	—	76	37
\$200 to \$249	81	23	—	—	—	23	—	58	—	—	—	37	21
\$250 to \$299	51	39	—	16	10	—	13	12	—	5	—	7	—
\$300 to \$349	31	16	—	6	—	5	5	15	—	5	6	—	4
\$350 to \$399	56	18	7	—	11	—	—	38	—	12	10	8	8
\$400 to \$499	189	116	13	75	16	12	—	73	12	6	—	34	21
\$500 to \$599	156	138	7	78	43	10	—	18	—	12	—	6	—
\$600 to \$749	67	55	—	28	21	6	—	12	—	—	—	—	12
\$750 or more	76	57	15	21	9	12	—	19	—	5	—	14	—
Median	\$422	\$497	\$494	\$519	\$538	\$320	\$144	\$263	\$425	\$381	\$360	\$220	\$235
Not mortgaged	742	236	14	11	—	77	134	506	—	—	—	165	341
Less than \$50	9	9	—	—	—	3	6	—	—	—	—	—	—
\$50 to \$74	200	66	—	11	—	21	34	134	—	—	—	42	92
\$75 to \$99	297	85	—	—	—	25	60	212	—	—	—	53	159
\$100 to \$124	160	40	14	—	—	13	13	120	—	—	—	56	64
\$125 to \$149	46	31	—	—	—	15	16	15	—	—	—	8	7
\$150 to \$199	25	5	—	—	—	—	5	20	—	—	—	6	14
\$200 to \$249	5	—	—	—	—	—	—	5	—	—	—	—	5
\$250 or more	—	—	—	—	—	—	—	—	—	—	—	—	—
Median	\$89	\$88	\$113	\$63	—	\$89	\$86	\$89	—	—	—	\$94	\$87
SELECTED CHARACTERISTICS													
Median selected monthly owner costs as percentage of household income in 1979	19.9	19.9	23.8	25.9	21.5	12.0	15.8	19.8	50+	35.6	50+	16.9	20.3
With a mortgage	24.6	23.9	27.0	26.4	21.5	18.7	19.4	30.0	50+	35.6	50+	19.7	50+
Not mortgaged	13.2	10.3	12.5	10	—	10	14.3	14.5	—	—	—	11.3	16.7
Income in 1979 below poverty level	256	38	3	—	—	21	14	218	15	5	12	52	134
Percent below poverty level	9.9	3.0	1.8	—	—	7.9	5.7	16.6	20.0	4.7	31.6	10.2	23.0
Renter-occupied housing units	2 750	1 419	415	578	150	157	119	1 331	316	232	70	234	479
PLUMBING FACILITIES													
Complete plumbing for exclusive use	2 427	1 264	360	559	118	128	99	1 163	297	202	70	234	360
Lacking complete plumbing for exclusive use	323	155	55	19	32	29	20	168	19	30	—	—	119
UNITS IN STRUCTURE													
1, detached or attached	509	274	59	144	30	31	10	235	32	38	9	90	66
2	263	139	45	73	11	—	10	124	76	21	5	15	7
3 and 4	445	286	104	105	37	28	12	159	34	33	20	48	24
5 to 9	267	135	32	61	—	14	28	132	33	45	13	13	28
10 to 49	812	429	119	168	46	65	31	383	116	85	23	35	124
50 or more	337	79	9	18	5	19	28	258	10	10	—	18	220
Mobile home or trailer, etc.	117	77	47	9	21	—	—	40	15	—	—	15	10
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	718	211	65	55	10	41	40	507	98	28	8	71	302
\$5,000 to \$9,999	699	252	119	45	13	32	43	447	131	61	37	70	148
\$10,000 to \$12,499	252	124	39	77	8	—	—	128	37	47	13	10	21
\$12,500 to \$14,999	255	161	39	58	22	20	22	94	41	18	—	35	—
\$15,000 to \$19,999	318	224	62	119	30	13	—	94	—	54	12	20	8
\$20,000 to \$24,999	303	261	84	125	41	5	6	42	9	24	—	9	—
\$25,000 to \$34,999	100	89	7	57	9	16	—	11	—	—	—	11	—
\$35,000 to \$49,999	57	49	—	33	—	8	8	8	—	—	—	8	—
\$50,000 or more	48	48	—	9	17	22	—	—	—	—	—	—	—
Median	\$9 673	\$14 402	\$11 506	\$17 368	\$18 889	\$13 187	\$6 477	\$6 730	\$6 829	\$11 436	\$8 611	\$8 824	\$4 321
Mean	\$12 074	\$15 947	\$12 129	\$17 999	\$20 499	\$18 742	\$9 868	\$7 945	\$7 480	\$11 737	\$8 777	\$10 800	\$4 899
GROSS RENT													
Specified renter-occupied housing units	2 738	1 407	415	566	150	157	119	1 331	316	232	70	234	479
Less than \$100	244	40	—	—	—	9	31	204	9	22	—	31	142
\$100 to \$149	219	52	22	—	—	20	10	167	14	—	—	9	144
\$150 to \$199	377	191	43	92	18	15	23	186	56	39	17	34	40
\$200 to \$249	456	235	82	79	34	21	19	221	50	32	20	81	38
\$250 to \$299	467	262	69	124	42	21	6	205	88	69	15	9	24
\$300 to \$349	328	174	68	75	15	8	8	154	66	28	8	17	35
\$350 to \$399	277	175	22	111	8	22	12	102	20	42	—	22	18
\$400 to \$499	205	163	84	55	19	5	—	42	13	—	5	17	7
\$500 or more	70	70	19	16	14	21	—	—	—	—	—	—	—
No cash rent	95	45	6	14	—	15	10	50	—	—	5	14	31
Median	\$253	\$276	\$292	\$291	\$265	\$269	\$166	\$215	\$266	\$266	\$219	\$222	\$118
SELECTED CHARACTERISTICS													
Median gross rent as percentage of household income in 1979	27.9	23.1	29.4	21.7	20.3	21.5	30.3	34.6	46.2	28.9	41.5	30.6	33.2
Income in 1979 below poverty level	506	194	65	46	10	33	40	312	65	28	8	55	156
Percent below poverty level	18.4	13.7	15.7	8.0	6.7	21.0	33.6	23.4	20.6	12.1	11.4	23.5	32.6

Table A—12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA					The SMSA				
	Total	Less than 2 months	2 up to 6 months	6 or more months		Total	Less than 2 months	2 up to 6 months	6 or more months
Vacant for sale only housing units	503	227	155	121	Vacant for rent housing units	781	557	123	101
<b>ROOMS</b>					<b>ROOMS</b>				
1 to 3 rooms	28	—	22	6	1 room	—	—	—	—
4 rooms	52	28	11	13	2 rooms	47	43	4	—
5 rooms	89	56	33	—	3 rooms	132	73	42	17
6 rooms	119	61	43	15	4 rooms	267	192	47	28
7 rooms	126	48	25	53	5 rooms	252	222	30	—
8 or more rooms	89	34	21	34	6 rooms	62	19	—	43
Median	6.2	6.0	5.8	7.0	7 or more rooms	21	8	—	13
					Median	4.3	4.3	3.8	5.6
<b>PLUMBING FACILITIES</b>					<b>PLUMBING FACILITIES</b>				
Complete plumbing for exclusive use	494	227	146	121	Complete plumbing for exclusive use	579	364	123	92
Lacking complete plumbing for exclusive use	9	—	9	—	Lacking complete plumbing for exclusive use	202	193	—	9
<b>BEDROOMS</b>					<b>BEDROOMS</b>				
None	—	—	—	—	None	14	14	—	—
1	52	—	33	19	1	159	138	4	17
2	56	56	—	—	2	478	331	106	41
3	245	94	86	65	3	106	72	13	21
4	150	77	36	37	4	24	2	—	22
5 or more	—	—	—	—	5 or more	—	—	—	—
<b>YEAR STRUCTURE BUILT</b>					<b>YEAR STRUCTURE BUILT</b>				
1975 to March 1980	259	122	78	59	1975 to March 1980	321	269	26	26
1970 to 1974	52	22	11	19	1970 to 1974	92	42	42	8
1960 to 1969	64	27	9	28	1960 to 1969	92	53	17	22
1950 to 1959	94	56	31	7	1950 to 1959	59	55	4	—
1940 to 1949	12	—	12	—	1940 to 1949	90	34	34	22
1939 or earlier	22	—	14	8	1939 or earlier	127	104	—	23
<b>UNITS IN STRUCTURE</b>					<b>UNITS IN STRUCTURE</b>				
1, detached or attached	450	225	133	92	1, detached or attached	91	59	17	15
2 or more	45	—	22	23	2	103	30	52	21
Mobile home or trailer	8	2	—	6	3 and 4	226	217	—	9
					5 to 9	39	35	4	—
<b>HEATING EQUIPMENT</b>					10 to 49	92	83	—	9
Central heating system	465	220	124	121	50 or more	66	66	—	—
Other means	38	7	31	—	Mobile home or trailer	164	67	50	47
None	—	—	—	—					
<b>PRICE ASKED</b>					<b>RENT ASKED</b>				
Specified vacant for sale only housing units	450	225	133	92	Specified vacant for rent housing units	781	557	123	101
Less than \$10,000	—	—	—	—	Less than \$100	48	30	18	—
\$10,000 to \$19,999	—	—	—	—	\$100 to \$149	32	31	1	—
\$20,000 to \$29,999	—	—	—	—	\$150 to \$199	7	7	—	—
\$30,000 to \$39,999	—	—	—	—	\$200 to \$249	72	72	—	—
\$40,000 to \$49,999	27	14	—	13	\$250 to \$299	68	19	38	11
\$50,000 to \$59,999	52	30	14	8	\$300 to \$399	478	347	54	77
\$60,000 to \$79,999	126	82	29	15	\$400 or more	76	51	12	13
\$80,000 to \$99,999	154	69	55	30	Median	\$343	\$352	\$306	\$346
\$100,000 or more	91	30	35	26					
Median	\$82 800	\$74 200	\$91 500	\$90 900					

Table A—13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA															
Price asked—Specified vacant for sale only housing units								Rent asked—Specified vacant for rent housing units							
Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)		Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	Median (dollars)	
Total	450	—	—	27	332	91	82 800	781	48	39	140	478	76	343	
<b>PLUMBING FACILITIES</b>															
Complete plumbing for exclusive use	441	—	—	27	323	91	83 500	579	48	25	109	352	45	328	
Lacking complete plumbing for exclusive use	9	—	—	—	9	—	72 500	202	—	14	31	126	31	372	
<b>BEDROOMS</b>															
None	—	—	—	—	—	—	—	14	—	—	14	—	—	213	
1	24	—	—	13	11	—	49 600	159	5	15	53	84	2	307	
2	56	—	—	14	34	8	70 700	478	43	10	67	302	56	359	
3	220	—	—	—	187	33	86 300	106	—	14	6	68	18	336	
4	150	—	—	—	100	50	91 700	24	—	—	—	24	—	327	
5 or more	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
<b>YEAR STRUCTURE BUILT</b>															
1975 to March 1980	241	—	—	—	185	56	92 200	321	22	1	—	243	55	371	
1970 to 1974	46	—	—	—	11	35	113 600	92	18	—	9	65	—	326	
1960 to 1969	64	—	—	13	51	—	59 100	92	3	—	14	73	2	330	
1950 to 1959	65	—	—	14	51	—	67 100	59	—	2	6	45	6	374	
1940 to 1949	12	—	—	—	12	—	85 000	90	5	13	50	9	13	287	
1939 or earlier	22	—	—	—	22	—	57 500	127	—	23	61	43	—	242	
<b>UNITS IN STRUCTURE</b>															
1, detached or attached	450	—	—	27	332	91	82 800	91	—	15	9	36	31	364	
2 or more	—	—	—	—	—	—	—	526	45	23	111	316	31	343	
Mobile home or trailer	—	—	—	—	—	—	—	164	3	1	20	126	14	337	



Table B-1. Value of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Casper city	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Median (dollars)	Mean (dollars)
Specified owner-occupied housing units -----	11 179	18	62	175	346	984	1 730	4 096	2 239	1 256	273	70 900	76 200
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families -----	8 814	18	34	102	170	596	1 204	3 346	1 957	1 137	250	73 600	79 500
15 to 24 years -----	227	-	-	8	-	47	47	112	13	-	-	63 600	61 300
25 to 34 years -----	2 568	8	-	22	36	83	413	1 163	599	229	15	73 000	75 600
35 to 44 years -----	1 891	-	-	22	14	60	184	643	481	412	75	80 900	89 000
45 to 64 years -----	3 304	-	28	28	69	245	376	1 142	824	442	150	75 600	82 600
65 years and over -----	824	10	6	22	51	161	184	286	40	54	10	58 200	62 900
Male householder, no wife present -----	1 000	-	9	49	49	156	180	392	123	42	-	61 900	62 900
15 to 24 years -----	108	-	-	-	-	9	25	62	6	6	-	62 900	67 400
25 to 34 years -----	381	-	-	-	10	41	53	197	59	21	-	68 600	70 500
35 to 44 years -----	138	-	-	-	10	26	16	48	23	15	-	67 000	68 200
45 to 64 years -----	204	-	7	34	10	35	47	50	21	-	-	52 100	52 100
65 years and over -----	169	-	2	15	19	45	39	35	14	-	-	50 400	51 600
Female householder, no husband present -----	1 365	-	19	24	127	232	346	358	159	77	23	57 800	63 900
15 to 24 years -----	5	-	-	-	5	-	-	-	-	-	-	37 500	37 500
25 to 34 years -----	158	-	-	-	-	30	43	57	17	6	5	62 300	67 800
35 to 44 years -----	187	-	-	-	10	23	58	43	28	25	-	61 400	70 400
45 to 64 years -----	576	-	2	17	53	75	149	166	81	15	18	59 400	66 300
65 years and over -----	439	-	17	7	59	104	96	92	33	31	-	53 200	57 000
Median age -----	44.6	70.5	63.6	58.0	57.9	55.9	46.1	40.9	42.9	42.8	50.4	...	...
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980 -----	2 022	8	-	-	26	86	188	863	568	225	58	75 700	81 500
1975 to 1978 -----	3 820	-	10	37	51	198	534	1 313	921	662	94	77 000	82 800
1970 to 1974 -----	1 469	-	8	21	49	111	235	526	273	194	52	70 900	79 500
1960 to 1969 -----	2 044	-	15	31	86	272	320	864	315	83	58	65 900	70 200
1959 or earlier -----	1 824	10	29	86	134	317	453	530	162	92	11	56 600	60 200
ROOMS													
1 to 3 rooms -----	137	-	7	26	39	22	18	19	6	-	-	38 800	42 100
4 rooms -----	926	-	25	77	127	351	212	101	25	8	-	46 800	47 200
5 rooms -----	2 183	8	22	32	83	266	736	844	136	50	6	59 200	60 900
6 rooms -----	2 182	-	7	30	58	217	426	981	348	100	15	65 800	68 600
7 rooms -----	1 945	10	-	10	21	79	181	899	541	184	20	74 700	78 400
8 or more rooms -----	3 806	-	1	-	18	49	157	1 252	1 183	914	232	86 700	96 300
Median -----	6.6	6.6	4.5	4.3	4.6	4.9	5.4	6.6	7.6	8.4	8.5+	...	...
BEDROOMS													
None -----	4	-	-	-	-	-	-	4	-	-	-	72 500	72 500
1 -----	221	-	14	45	47	34	34	39	-	8	-	40 700	44 200
2 -----	2 181	10	32	83	180	556	542	601	124	38	15	53 000	55 900
3 -----	4 683	8	15	47	85	322	948	1 927	889	382	60	68 600	73 400
4 -----	3 036	-	-	-	23	44	183	1 166	955	577	88	81 900	88 400
5 or more -----	1 054	-	1	-	11	28	23	359	271	251	110	88 200	101 700
YEAR STRUCTURE BUILT													
1975 to March 1980 -----	2 791	8	-	8	-	14	81	846	1 064	654	116	87 600	94 500
1970 to 1974 -----	636	-	-	-	-	6	22	243	169	163	33	84 500	94 800
1960 to 1969 -----	1 633	-	-	10	13	37	120	843	358	207	45	75 200	83 900
1950 to 1959 -----	3 653	-	22	7	93	425	1 001	1 496	416	140	53	63 100	67 100
1940 to 1949 -----	894	-	9	49	101	179	185	273	62	29	7	54 100	57 800
1939 or earlier -----	1 572	10	31	101	139	323	321	395	170	63	19	54 700	59 300
HOUSEHOLD INCOME IN 1979													
Less than \$5,000 -----	405	-	17	33	31	130	75	58	22	28	11	49 500	58 000
\$5,000 to \$9,999 -----	806	18	17	22	109	169	134	215	62	40	20	54 900	60 800
\$10,000 to \$12,499 -----	425	-	-	34	10	77	76	130	44	48	6	61 000	66 000
\$12,500 to \$14,999 -----	372	-	14	10	27	60	111	73	64	13	-	55 500	59 900
\$15,000 to \$19,999 -----	1 048	-	6	30	39	172	223	388	123	42	25	61 600	66 900
\$20,000 to \$24,999 -----	1 547	-	7	7	58	134	386	707	198	50	-	64 600	66 100
\$25,000 to \$34,999 -----	3 242	-	1	23	42	129	496	1 472	696	354	29	72 600	76 700
\$35,000 to \$49,999 -----	2 176	-	-	16	30	88	185	779	693	327	58	79 800	84 400
\$50,000 or more -----	1 158	-	-	-	-	25	44	274	337	354	124	95 100	107 000
Median -----	\$27 907	\$7 250	\$7 059	\$12 390	\$14 630	\$16 308	\$22 840	\$28 147	\$33 648	\$36 772	\$46 386	...	...
Mean -----	\$30 604	\$7 041	\$10 315	\$15 750	\$16 773	\$18 517	\$23 763	\$29 159	\$37 459	\$44 763	\$51 041	...	...
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage -----	8 711	-	13	71	181	538	1 218	3 417	1 998	1 074	201	73 400	78 800
Less than 15 percent -----	3 093	-	-	52	48	221	429	1 265	659	344	75	72 100	78 200
15 to 19 percent -----	1 673	-	6	4	14	111	202	597	409	295	35	77 200	82 000
20 to 24 percent -----	1 539	-	-	7	38	59	253	564	393	206	19	74 500	78 400
25 to 29 percent -----	961	-	-	-	22	36	166	450	215	45	27	72 300	76 500
30 to 34 percent -----	456	-	-	3	15	28	31	214	110	55	-	72 500	76 600
35 percent or more -----	979	-	7	5	44	83	137	322	212	124	45	70 400	79 400
Not computed -----	10	-	-	-	-	-	-	5	-	5	-	87 500	92 500
Median -----	18.8	-	50+	13.2	23.8	17.2	19.5	18.7	19.2	18.2	18.6	...	...
Not mortgaged -----	2 468	18	49	104	165	446	512	679	241	182	72	58 500	66 700
Less than 10 percent -----	1 541	-	22	75	89	237	314	446	161	146	51	61 300	70 000
10 to 14 percent -----	367	18	-	14	39	78	100	73	35	-	10	53 500	58 400
15 to 19 percent -----	216	-	13	-	16	53	52	76	-	6	-	53 300	53 500
20 to 24 percent -----	182	-	8	-	-	34	34	34	45	16	11	64 700	79 800
25 to 29 percent -----	43	-	5	-	-	-	-	25	-	-	-	66 900	57 500
30 to 34 percent -----	35	-	1	9	10	-	-	9	-	6	-	38 800	60 700
35 percent or more -----	68	-	-	6	11	21	6	16	-	8	-	48 300	55 500
Not computed -----	16	-	-	-	-	10	6	-	-	-	-	49 000	51 300
Median -----	10-	12.5	16.0	10-	10-	10-	10-	10-	10-	10-	10-	...	...
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use -----	11 179	18	62	175	346	984	1 730	4 096	2 239	1 256	273	70 900	76 200
1.01 or more persons per room -----	124	-	-	-	29	-	24	58	7	6	-	64 500	61 800
Lacking complete plumbing for exclusive use -----	-	-	-	-	-	-	-	-	-	-	-	-	-
1.01 or more persons per room -----	-	-	-	-	-	-	-	-	-	-	-	-	-
Heating equipment -----	11 179	18	62	175	346	984	1 730	4 096	2 239	1 256	273	70 900	76 200
Central heating system -----	10 861	18	55	108	318	929	1 640	4 031	2 239	1 250	273	71 600	77 000
Air conditioning -----	3 509	-	7	42	92	311	524	1 319	660	407	147	71 300	79 600
Central system -----	927	-	-	-	-	68	81	223	224	218	113	86 800	103 000
Income in 1979 below poverty level -----	365	-	9	18	21	117	31	73	47	25	24	56 600	69 800
Percent below poverty level -----	3.3	-	14.5	10.3	6.1	11.9	1.8	1.8	2.1	2.0	8.8	...	...



Table B—2. Gross Rent of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Casper city	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
Specified renter-occupied housing units.....	5 813	246	315	525	624	726	774	822	1 146	484	151	326
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
Married-couple families.....	2 039	—	35	100	144	163	279	289	644	300	85	394
15 to 24 years.....	563	—	18	49	62	65	121	113	96	39	—	336
25 to 34 years.....	795	—	9	31	36	55	105	90	300	153	16	421
35 to 44 years.....	307	—	—	6	17	9	26	38	119	71	21	439
45 to 64 years.....	318	—	—	14	29	14	21	48	117	37	38	412
65 years and over.....	56	—	8	—	—	20	6	—	12	—	10	294
Male householder, no wife present.....	1 919	47	87	185	235	294	262	304	331	143	31	318
15 to 24 years.....	728	—	36	45	74	111	99	95	185	71	12	346
25 to 34 years.....	755	—	21	95	98	125	105	148	112	47	4	317
35 to 44 years.....	155	—	—	9	27	39	15	27	29	9	—	308
45 to 64 years.....	165	9	20	13	17	13	35	22	5	16	15	304
65 years and over.....	116	38	10	23	19	6	8	12	—	—	—	164
Female householder, no husband present.....	1 855	199	193	240	245	269	233	229	171	41	35	256
15 to 24 years.....	511	9	14	89	66	109	97	56	71	—	—	285
25 to 34 years.....	400	24	—	39	32	103	28	82	65	27	—	304
35 to 44 years.....	138	—	—	26	32	15	15	20	11	14	5	264
45 to 64 years.....	328	31	39	46	80	18	50	41	17	—	6	232
65 years and over.....	478	135	140	40	35	24	43	30	7	—	24	119
Median age.....	29.6	71.6	65.1	28.2	30.4	26.9	27.4	29.3	29.3	29.3	47.7	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980.....	3 665	26	114	208	353	436	532	595	895	416	90	360
1975 to 1978.....	1 459	102	125	193	153	209	198	181	214	56	28	285
1970 to 1974.....	494	101	50	87	68	59	44	19	27	12	27	198
1960 to 1969.....	145	17	26	29	41	16	—	—	10	—	6	197
1959 or earlier.....	50	—	—	8	9	6	—	27	—	—	—	354
<b>ROOMS</b>												
1 room.....	132	9	13	48	19	20	8	—	—	15	—	169
2 rooms.....	520	66	75	96	107	116	25	22	13	—	—	212
3 rooms.....	1 492	161	160	192	221	337	217	96	75	12	21	250
4 rooms.....	2 108	10	27	82	202	167	351	466	650	96	57	370
5 rooms.....	891	—	21	74	55	46	131	151	265	135	13	387
6 rooms.....	335	—	—	18	10	22	26	40	100	104	15	444
7 or more rooms.....	335	—	19	15	10	18	16	47	43	122	45	447
Median.....	3.9	2.8	2.9	3.1	3.3	3.2	3.9	4.1	4.2	5.4	4.5	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979</b>												
All income levels in 1979.....	5 813	246	315	525	624	726	774	822	1 146	484	151	326
Complete plumbing for exclusive use.....	5 322	190	214	449	591	640	754	806	1 051	484	143	334
0.50 or less.....	3 525	168	138	337	463	472	542	535	556	218	96	313
0.51 to 1.00.....	1 554	22	64	85	94	134	192	254	428	234	47	382
1.01 to 1.50.....	169	—	—	17	26	22	20	8	54	22	—	349
1.51 or more.....	74	—	12	10	8	12	—	9	13	10	—	279
Lacking complete plumbing for exclusive use.....	491	56	101	76	33	86	20	16	95	—	8	210
0.50 or less.....	291	56	80	28	11	40	11	16	41	—	8	155
0.51 to 1.00.....	174	—	21	48	22	39	—	—	44	—	—	241
1.01 to 1.50.....	26	—	—	—	—	7	9	—	10	—	—	333
1.51 or more.....	—	—	—	—	—	—	—	—	—	—	—	—
Income in 1979 below poverty level.....	794	111	103	79	85	109	130	66	79	10	22	253
Complete plumbing for exclusive use.....	706	92	64	79	85	89	130	66	69	10	22	261
1.01 or more persons per room.....	63	—	—	—	18	21	16	—	8	—	—	288
Lacking complete plumbing for exclusive use.....	88	19	39	—	—	20	—	—	10	—	—	116
1.01 or more persons per room.....	—	—	—	—	—	—	—	—	—	—	—	—
<b>BEDROOMS</b>												
None.....	295	38	46	66	66	56	8	—	—	15	—	188
1.....	2 032	198	193	296	341	479	326	128	32	18	21	247
2.....	2 449	10	33	100	182	143	383	545	888	126	39	382
3.....	801	—	35	54	35	42	57	100	191	237	50	427
4.....	173	—	8	—	—	6	—	42	22	69	26	480
5 or more.....	63	—	—	9	—	—	—	7	13	19	15	462
<b>UNITS IN STRUCTURE</b>												
1, detached or attached.....	1 611	—	81	105	152	135	187	211	317	334	89	374
2.....	636	10	51	84	67	78	87	121	90	38	10	313
3 and 4.....	1 115	—	27	90	115	136	136	198	317	77	19	361
5 to 9.....	527	46	19	56	69	94	56	47	121	15	4	288
10 to 49.....	1 436	62	27	131	170	209	274	230	294	20	19	320
50 or more.....	406	128	110	44	19	74	24	—	7	—	—	117
Mobile home or trailer, etc.....	82	—	—	15	32	—	10	15	—	—	10	241
<b>YEAR STRUCTURE BUILT</b>												
1975 to March 1980.....	1 445	37	34	11	20	121	181	291	628	108	14	403
1970 to 1974.....	594	80	27	—	25	32	118	72	122	89	29	350
1960 to 1969.....	655	55	101	48	41	53	57	115	80	76	29	313
1950 to 1959.....	829	30	17	109	105	79	140	87	128	99	35	320
1940 to 1949.....	732	19	28	80	111	154	131	78	60	67	4	292
1939 or earlier.....	1 558	25	108	277	322	287	147	179	128	45	40	255
<b>STORIES IN STRUCTURE</b>												
1 to 3.....	5 689	208	239	525	624	716	774	822	1 146	484	151	330
4 or more.....	124	38	76	—	—	10	—	—	—	—	—	111
With elevator.....	124	38	76	—	—	10	—	—	—	—	—	111
<b>GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>												
Less than 15 percent.....	934	44	51	150	153	111	98	150	111	66	...	279
15 to 19 percent.....	1 016	74	28	154	116	82	183	110	189	80	...	315
20 to 24 percent.....	793	27	35	99	47	102	102	137	179	65	...	342
25 to 29 percent.....	644	36	23	26	96	92	52	98	173	48	...	347
30 to 34 percent.....	460	21	65	—	23	49	66	72	142	22	...	354
35 to 49 percent.....	773	9	57	37	40	115	92	140	182	101	...	363
50 percent or more.....	975	26	56	50	140	157	181	93	170	102	...	316
Not computed.....	218	9	—	9	9	18	—	22	—	—	151	259
Median.....	25.4	20.1	31.6	18.5	24.1	28.2	25.4	25.2	27.7	28.2	...	...
<b>SELECTED CHARACTERISTICS</b>												
Heating equipment.....	5 813	246	315	525	624	726	774	822	1 146	484	151	326
Central heating system.....	5 237	222	255	421	461	639	717	806	1 103	469	144	338
Air conditioning.....	1 630	46	83	77	104	178	255	252	480	105	50	359
Central system.....	617	18	9	33	55	65	39	99	240	30	29	388



Table B—3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Casper city	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Owner-occupied housing units	13 036	509	1 043	607	471	1 301	1 857	3 604	2 366	1 278	26 800	29 555	455
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	9 861	175	491	286	238	833	1 454	3 074	2 158	1 152	29 778	32 773	219
15 to 24 years	349	6	—	21	7	81	98	85	33	18	22 652	24 632	6
25 to 34 years	2 841	14	54	45	68	357	582	1 130	445	146	26 931	29 112	25
35 to 44 years	2 049	6	20	31	18	100	241	790	478	365	32 534	37 742	12
45 to 64 years	3 656	56	191	70	51	195	455	932	1 137	569	33 727	37 285	100
65 years and over	966	93	226	119	94	100	78	137	65	54	13 697	18 863	76
Male householder, no wife present	1 417	70	69	132	67	210	261	367	134	107	23 052	25 958	29
15 to 24 years	173	—	—	21	17	34	29	50	19	3	22 734	23 812	—
25 to 34 years	520	7	—	46	5	38	123	163	86	52	27 738	30 298	7
35 to 44 years	216	—	—	—	9	41	51	62	24	29	26 346	32 888	—
45 to 64 years	287	12	9	37	10	65	47	79	5	23	21 193	25 680	12
65 years and over	221	51	60	28	26	32	11	13	—	—	9 960	11 012	10
Female householder, no husband present	1 758	264	483	189	166	258	142	163	74	19	11 746	14 402	207
15 to 24 years	43	8	19	5	4	—	7	—	—	—	8 281	9 592	8
25 to 34 years	238	24	44	43	38	29	21	31	8	—	13 026	14 779	35
35 to 44 years	218	10	31	34	19	59	29	24	12	—	16 250	17 718	20
45 to 64 years	685	59	167	76	75	115	52	74	54	13	13 850	16 960	59
65 years and over	574	163	222	31	30	55	33	34	—	6	7 138	10 294	85
Median age	44.5	67.7	64.3	54.6	53.2	41.3	36.5	38.4	46.3	45.7	...	...	59.6
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	2 538	14	92	128	80	258	460	771	512	223	27 527	30 513	19
1975 to 1978	4 423	117	195	95	110	391	622	1 544	842	507	29 799	32 066	147
1970 to 1974	1 779	85	143	64	60	171	265	431	317	243	27 307	32 286	92
1960 to 1969	2 226	103	245	125	53	212	297	544	433	214	26 423	28 957	109
1959 or earlier	2 070	190	368	195	168	269	213	314	262	91	16 707	21 310	88
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use	13 001	509	1 043	592	471	1 301	1 857	3 594	2 366	1 268	26 812	29 548	455
1.01 or more persons per room	181	8	10	6	7	15	43	51	35	6	25 208	26 586	8
Lacking complete plumbing for exclusive use	35	—	—	15	—	—	—	10	—	10	25 625	32 138	—
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—
Heating equipment	13 036	509	1 043	607	471	1 301	1 857	3 604	2 366	1 278	26 800	29 555	455
Central heating system	12 665	496	1 032	548	432	1 246	1 802	3 501	2 343	1 265	26 991	29 773	448
Air conditioning	4 390	143	314	246	183	431	591	1 165	875	442	27 104	30 566	145
Central system	1 205	25	77	74	73	132	96	256	268	204	30 851	34 228	48
Vehicles available	12 827	408	968	593	471	1 294	1 851	3 598	2 366	1 278	27 055	29 929	420
1	2 669	223	526	290	197	384	388	430	155	76	16 124	19 271	171
2 or more	10 158	185	442	303	274	910	1 463	3 168	2 211	1 202	29 896	32 729	249
House heating fuel	13 036	509	1 043	607	471	1 301	1 857	3 604	2 366	1 278	26 800	29 555	455
Utility gas	12 534	503	1 032	589	443	1 221	1 807	3 398	2 309	1 232	26 774	29 507	449
Bottled, tank, or LP gas	12	—	—	—	—	2	—	—	4	6	50 000	49 874	—
Electricity	437	6	11	18	22	70	40	177	53	40	27 299	30 937	6
Fuel oil, kerosene, etc.	—	—	—	—	—	—	—	—	—	—	—	—	—
Other	53	—	—	—	6	8	10	29	—	—	25 568	24 817	—
Median rooms	6.3	4.8	5.4	5.2	5.0	5.4	5.8	6.8	7.2	8.0	...	...	5.5
Specified owner-occupied housing units	11 179	405	806	425	372	1 048	1 547	3 242	2 176	1 158	27 907	30 604	365
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
With a mortgage	8 711	174	334	256	211	706	1 325	2 884	1 873	948	29 943	32 522	219
Less than \$200	790	50	114	41	44	73	145	231	71	21	23 050	22 313	47
\$200 to \$249	928	42	37	31	51	101	133	248	230	55	27 869	28 863	33
\$250 to \$299	626	6	12	14	28	75	73	186	154	78	28 367	33 816	6
\$300 to \$349	518	9	29	26	17	62	95	160	98	22	25 352	29 325	9
\$350 to \$399	700	26	31	32	28	50	149	221	96	67	27 241	29 128	40
\$400 to \$499	1 653	23	44	40	5	155	288	640	295	163	28 149	34 064	34
\$500 to \$599	1 595	13	36	42	12	88	225	595	403	181	29 875	33 755	32
\$600 to \$749	1 362	—	25	24	26	69	162	450	382	224	32 536	36 262	7
\$750 or more	539	5	6	6	—	33	55	153	144	137	31 841	41 933	11
Median	\$447	\$244	\$307	\$375	\$269	\$392	\$425	\$465	\$498	\$538	...	...	\$368
Not mortgaged	2 468	231	472	169	161	342	222	358	303	210	17 166	23 834	146
Less than \$50	33	13	6	8	6	—	—	—	—	—	6 458	8 369	7
\$50 to \$74	396	74	108	54	24	49	27	23	28	9	10 741	13 824	20
\$75 to \$99	765	114	145	32	61	90	96	103	89	35	16 138	19 606	98
\$100 to \$124	674	24	156	40	55	96	70	121	70	42	17 214	22 784	15
\$125 to \$149	311	6	34	9	7	56	7	74	82	36	31 369	31 754	6
\$150 to \$199	181	—	23	13	—	19	22	20	15	69	32 314	50 404	—
\$200 to \$249	38	—	—	7	8	5	—	7	—	11	17 000	34 351	—
\$250 or more	70	—	—	6	—	27	—	10	19	8	30 827	34 453	—
Median	\$101	\$81	\$96	\$93	\$96	\$108	\$97	\$111	\$112	\$138	...	...	\$87
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage	8 711	174	334	256	211	706	1 325	2 884	1 873	948	29 943	32 522	219
Less than 15 percent	3 093	—	—	—	21	117	312	699	959	785	37 429	44 188	—
15 to 19 percent	1 673	—	15	28	61	112	128	647	535	147	32 770	33 852	—
20 to 24 percent	1 539	—	46	29	35	87	322	707	306	7	28 758	28 060	—
25 to 29 percent	961	—	48	22	23	144	214	439	62	9	25 369	24 661	—
30 to 34 percent	456	—	29	18	22	70	184	126	7	—	22 060	22 260	—
35 percent or more	979	164	196	159	49	176	165	66	4	—	12 036	13 235	209
Not computed	10	10	—	—	—	—	—	—	—	—	2500—	—	10
Median	18.8	50+	46.8	38.9	23.4	26.3	23.5	19.2	14.8	10—	...	...	50+
Not mortgaged	2 468	231	472	169	161	342	222	358	303	210	17 166	23 834	146
Less than 10 percent	1 541	6	32	75	96	263	216	348	295	210	26 442	33 055	—
10 to 14 percent	367	14	157	68	57	47	6	10	8	—	10 460	11 635	7
15 to 19 percent	216	48	155	13	—	—	—	—	—	—	7 174	7 135	11
20 to 24 percent	182	35	100	7	8	32	—	—	—	—	6 647	8 172	35
25 to 29 percent	43	24	19	—	—	—	—	—	—	—	4 740	5 133	15
30 to 34 percent	35	20	9	6	—	—	—	—	—	—	4 688	5 346	11
35 percent or more	68	68	—	—	—	—	—	—	—	—	2 639	2 609	51
Not computed	16	16	—	—	—	—	—	—	—	—	2500—	—	16
Median	10—	25.9	16.5	10.7	10—	10—	10—	10—	10—	10—	...	...	29.0



Table B-4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Casper city	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Renter-occupied housing units	5 838	847	1 070	566	452	909	717	744	313	220	14 912	17 667	794
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	2 059	64	246	185	149	443	290	424	152	106	19 183	22 607	141
15 to 24 years	563	28	93	61	58	95	93	75	36	24	17 523	20 606	37
25 to 34 years	795	20	90	87	41	233	101	177	40	6	17 759	19 421	77
35 to 44 years	327	4	33	14	19	37	73	82	34	31	23 207	27 654	23
45 to 64 years	318	—	15	16	25	68	23	90	36	45	26 000	30 746	—
65 years and over	56	12	15	7	6	10	—	—	6	—	10 357	12 255	4
Male householder, no wife present	1 919	223	249	184	178	301	315	252	122	95	17 828	19 227	236
15 to 24 years	728	71	142	73	52	113	141	80	51	5	17 241	17 597	84
25 to 34 years	755	55	43	104	62	149	123	137	55	27	19 046	20 650	63
35 to 44 years	155	10	—	—	22	27	36	24	—	36	21 285	26 480	10
45 to 64 years	165	57	21	—	20	12	9	11	8	27	13 062	19 219	49
65 years and over	116	30	43	7	22	—	6	—	8	—	7 121	10 515	30
Female householder, no husband present	1 860	560	575	197	125	165	112	68	39	19	8 292	10 591	417
15 to 24 years	511	119	159	67	59	20	26	41	20	—	9 160	11 526	112
25 to 34 years	400	40	107	73	29	85	35	11	11	9	11 815	14 079	59
35 to 44 years	138	20	57	26	7	12	6	—	—	10	9 286	12 402	24
45 to 64 years	333	91	113	10	30	40	25	16	8	—	8 857	11 143	78
65 years and over	478	290	139	21	—	8	20	—	—	—	4 441	5 764	144
Median age	29.6	57.0	29.9	26.9	29.2	28.3	28.1	30.0	30.7	39.8	...	...	33.7
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	3 675	411	648	346	319	639	462	481	195	174	15 999	18 844	412
1975 to 1978	1 474	224	258	156	88	211	168	213	110	46	15 255	17 875	253
1970 to 1974	494	144	132	55	39	24	54	38	8	—	7 384	10 736	113
1960 to 1969	145	52	25	9	6	19	28	6	—	—	9 135	10 786	9
1959 or earlier	50	16	7	—	—	16	5	6	—	—	15 625	13 504	7
PLUMBING FACILITIES BY PERSONS PER ROOM													
Complete plumbing for exclusive use	5 347	724	920	535	432	875	680	680	306	195	15 378	18 008	706
0.50 or less	3 525	623	637	398	313	503	400	369	203	79	13 335	16 095	478
0.51 to 1.00	1 570	78	220	127	92	339	241	296	76	101	19 056	22 024	165
1.01 to 1.50	169	23	43	—	27	24	19	15	18	—	14 213	16 674	43
1.51 or more	83	—	20	10	—	9	20	—	9	15	22 813	26 022	20
Lacking complete plumbing for exclusive use	491	123	150	31	20	34	37	64	7	25	8 794	13 959	88
0.50 or less	291	105	89	10	9	21	31	10	—	16	6 446	11 296	68
0.51 to 1.00	174	18	61	21	11	13	6	44	—	—	10 952	14 469	20
1.01 to 1.50	26	—	—	—	—	—	—	10	7	9	36 728	40 353	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—	—
SELECTED CHARACTERISTICS													
Heating equipment	5 838	847	1 070	566	452	909	717	744	313	220	14 912	17 667	794
Central heating system	5 262	768	980	460	355	790	679	715	301	214	15 462	18 059	710
Air conditioning	1 630	171	255	154	102	232	183	289	131	113	18 193	21 871	164
Central system	617	50	81	93	29	92	64	122	53	33	18 310	21 613	61
Vehicles available	5 272	545	916	532	430	878	705	733	313	220	16 244	18 849	611
1	2 609	448	604	310	229	385	291	213	79	50	12 036	14 401	443
2 or more	2 663	97	312	222	201	493	414	520	234	170	20 068	23 206	168
House heating fuel	5 838	847	1 070	566	452	909	717	744	313	220	14 912	17 667	794
Utility gas	5 252	771	1 008	529	427	775	608	642	298	194	14 362	17 549	728
Bottled, tank, or LP gas	37	15	8	6	—	—	—	—	8	—	8 594	14 569	15
Electricity	539	61	54	31	25	134	109	92	7	26	18 862	18 890	51
Fuel oil, kerosene, etc.	—	—	—	—	—	—	—	—	—	—	—	—	—
Other	10	—	—	—	—	—	—	—	—	—	—	—	—
Median rooms	3.9	3.1	3.3	3.7	4.0	4.1	4.1	4.3	4.5	4.3	26 250	25 625	3.2
Specified renter-occupied housing units													
5 813	847	1 070	566	452	904	711	739	304	220	14 842	17 619	794	
CONTRACT RENT													
Less than \$100	328	225	44	30	—	9	—	6	14	—	4 197	6 647	143
\$100 to \$149	372	118	130	38	40	—	20	26	—	—	6 771	9 278	80
\$150 to \$199	610	82	153	84	67	90	67	59	8	—	12 083	13 629	92
\$200 to \$249	708	149	178	62	49	110	68	76	16	—	11 089	12 797	149
\$250 to \$299	819	112	244	104	81	127	61	49	35	6	11 286	13 557	143
\$300 to \$349	958	71	100	84	87	201	164	125	82	44	18 584	20 699	69
\$350 to \$399	1 034	40	135	105	63	186	221	170	46	68	19 746	22 073	56
\$400 to \$499	636	18	41	36	126	56	177	67	74	25 000	28 066	36	
\$500 or more	197	—	21	13	19	30	43	24	23	21 140	25 767	4	
No cash rent	151	32	24	5	10	25	11	27	12	5	15 450	18 092	22
Median	\$300	\$186	\$254	\$273	\$292	\$326	\$341	\$354	\$345	\$392	...	...	\$221
GROSS RENT													
Less than \$100	246	185	44	17	—	—	—	—	—	—	3 967	4 163	111
\$100 to \$149	315	149	106	22	11	9	12	—	6	—	5 244	6 978	103
\$150 to \$199	525	74	129	97	77	26	59	63	—	—	11 534	13 488	79
\$200 to \$249	624	109	146	70	60	108	51	62	18	—	12 036	13 188	85
\$250 to \$299	726	83	226	95	51	109	66	56	34	6	11 421	14 265	109
\$300 to \$349	774	109	156	53	37	148	125	89	48	9	16 538	16 717	130
\$350 to \$399	822	65	86	70	92	166	120	84	60	79	18 046	22 444	66
\$400 to \$499	1 146	41	103	104	82	250	187	251	61	67	19 885	23 082	79
\$500 or more	484	—	50	33	32	63	80	107	65	54	23 857	26 773	10
No cash rent	151	32	24	5	10	25	11	27	12	5	15 450	18 092	22
Median	\$326	\$190	\$276	\$282	\$330	\$362	\$365	\$401	\$383	\$420	...	...	\$253
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
Less than 15 percent	934	17	10	30	21	49	137	239	220	211	33 070	37 462	—
15 to 19 percent	1 016	40	53	88	97	135	213	322	64	4	22 065	21 607	29
20 to 24 percent	793	27	116	35	54	234	183	136	8	—	18 834	18 022	17
25 to 29 percent	644	36	92	118	43	220	120	15	—	—	15 771	14 768	27
30 to 34 percent	460	57	71	75	86	158	13	—	—	—	13 285	12 539	40
35 to 49 percent	773	81	297	156	122	83	34	—	—	—	10 136	10 673	73
50 percent or more	975	490	407	59	19	—	—	—	—	—	4 972	5 051	519
Not computed	218	99	24	5	10	25	11	27	12	5	6 667	12 531	89
Median	25.4	50+	43.9	30.6	30.3	25.5	20.0	16.8	12.5	10—	...	...	50+



**Table B—5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980**

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

<b>Casper city</b>	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
<b>Specified owner-occupied housing units -----</b>	<b>8 711</b>	<b>790</b>	<b>928</b>	<b>626</b>	<b>518</b>	<b>700</b>	<b>1 653</b>	<b>1 595</b>	<b>1 362</b>	<b>539</b>	<b>447</b>
<b>PERSONS IN UNIT</b>											
1 person -----	732	158	81	51	22	56	136	124	35	69	398
2 persons -----	2 462	341	366	185	171	183	415	440	256	105	396
3 persons -----	1 938	105	248	173	141	156	344	334	359	78	448
4 persons -----	2 091	122	107	131	96	159	410	410	485	171	505
5 persons -----	1 070	58	97	57	58	82	259	221	145	93	467
6 persons -----	282	6	29	12	7	35	57	49	70	17	477
7 persons -----	109	—	—	8	23	22	27	11	12	6	403
8 or more persons -----	27	—	—	9	—	7	5	6	—	—	382
Median -----	3.10	2.20	2.57	2.95	2.97	3.21	3.30	3.20	3.56	3.60	...
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>											
<b>Married-couple families -----</b>	<b>7 228</b>	<b>554</b>	<b>753</b>	<b>521</b>	<b>440</b>	<b>566</b>	<b>1 393</b>	<b>1 352</b>	<b>1 214</b>	<b>435</b>	<b>454</b>
15 to 24 years -----	213	14	—	—	12	26	52	73	30	6	503
25 to 34 years -----	2 464	41	80	142	101	176	563	623	613	125	521
35 to 44 years -----	1 789	59	147	84	81	186	363	359	313	197	492
45 to 64 years -----	2 522	359	485	274	206	160	400	283	248	107	335
65 years and over -----	240	81	41	21	40	18	15	14	10	—	248
<b>Male householder, no wife present -----</b>	<b>733</b>	<b>61</b>	<b>36</b>	<b>64</b>	<b>18</b>	<b>40</b>	<b>141</b>	<b>172</b>	<b>116</b>	<b>85</b>	<b>504</b>
15 to 24 years -----	94	5	—	11	—	7	17	33	—	21	521
25 to 34 years -----	361	6	—	30	13	13	91	92	78	38	530
35 to 44 years -----	126	—	—	10	—	11	24	37	32	12	549
45 to 64 years -----	112	28	36	—	—	9	9	10	6	14	239
65 years and over -----	40	22	—	13	5	—	—	—	—	—	143
<b>Female householder, no husband present -----</b>	<b>750</b>	<b>175</b>	<b>139</b>	<b>41</b>	<b>60</b>	<b>94</b>	<b>119</b>	<b>71</b>	<b>32</b>	<b>19</b>	<b>317</b>
15 to 24 years -----	5	—	—	—	—	—	5	—	—	—	425
25 to 34 years -----	158	12	9	12	24	24	37	30	5	5	396
35 to 44 years -----	167	16	28	7	26	42	13	29	6	—	358
45 to 64 years -----	317	102	71	22	10	20	45	12	21	14	240
65 years and over -----	103	45	31	—	—	8	19	—	—	—	210
Median age -----	39.7	55.1	51.0	45.8	45.1	39.1	36.3	34.3	34.4	36.1	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>											
1979 to March 1980 -----	1 900	30	—	38	8	33	237	541	722	291	613
1975 to 1978 -----	3 575	62	119	158	206	396	1 046	885	506	197	481
1970 to 1974 -----	1 255	166	182	188	159	150	224	100	61	25	329
1960 to 1969 -----	1 491	368	517	203	100	101	81	55	54	12	237
1959 or earlier -----	490	164	110	39	45	20	65	14	19	14	237
<b>ROOMS</b>											
1 to 3 rooms -----	65	18	—	16	7	14	4	—	—	6	295
4 rooms -----	507	151	81	49	12	41	77	80	16	—	272
5 rooms -----	1 514	292	206	77	109	156	261	223	175	15	373
6 rooms -----	1 695	132	167	185	72	177	318	291	248	105	437
7 rooms -----	1 613	68	234	127	95	99	240	366	291	93	480
8 or more rooms -----	3 317	129	240	172	223	213	753	635	632	320	490
Median -----	6.9	5.3	6.5	6.4	7.1	6.3	7.2	7.1	7.3	7.9	...
<b>YEAR STRUCTURE BUILT</b>											
1975 to March 1980 -----	2 661	30	—	18	34	158	547	768	771	335	571
1970 to 1974 -----	576	9	18	37	31	59	176	115	102	29	475
1960 to 1969 -----	1 446	147	174	213	86	105	275	186	165	95	399
1950 to 1959 -----	2 718	352	514	212	250	227	500	355	239	69	357
1940 to 1949 -----	521	139	122	17	48	46	56	76	6	11	250
1939 or earlier -----	789	113	100	129	69	105	99	95	79	—	338
<b>VALUE</b>											
Less than \$10,000 -----	—	—	—	—	—	—	—	—	—	—	—
\$10,000 to \$19,999 -----	13	7	6	—	—	—	—	—	—	—	196
\$20,000 to \$29,999 -----	71	25	36	—	10	—	—	—	—	—	215
\$30,000 to \$39,999 -----	181	56	—	56	20	29	20	—	—	—	281
\$40,000 to \$49,999 -----	538	220	100	36	29	29	90	34	—	—	224
\$50,000 to \$59,999 -----	1 218	176	184	87	127	173	224	148	99	—	360
\$60,000 to \$79,999 -----	3 417	260	502	281	166	243	668	653	510	134	441
\$80,000 to \$99,999 -----	1 998	18	100	141	138	166	348	493	436	158	518
\$100,000 to \$149,999 -----	1 074	28	—	25	28	55	267	239	244	188	556
\$150,000 or more -----	201	—	—	—	—	5	36	28	73	59	665
Median -----	\$73 400	\$54 000	\$64 100	\$69 500	\$68 900	\$71 600	\$75 800	\$78 400	\$83 600	\$95 300	...
<b>SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>											
Less than 15 percent -----	3 093	545	727	452	244	268	391	268	162	36	280
15 to 19 percent -----	1 673	83	78	94	105	136	542	298	246	91	467
20 to 24 percent -----	1 539	59	29	42	81	141	332	430	353	72	520
25 to 29 percent -----	961	35	28	13	24	38	220	276	233	94	544
30 to 34 percent -----	456	11	18	7	11	22	37	165	114	71	574
35 percent or more -----	979	57	48	18	53	95	121	158	254	175	562
Not computed -----	10	—	—	—	—	—	10	—	—	—	450
Median -----	18.8	10—	10.1	11.6	15.7	18.0	19.0	22.7	23.9	28.8	...
<b>SELECTED CHARACTERISTICS</b>											
<b>Heating equipment -----</b>	<b>8 711</b>	<b>790</b>	<b>928</b>	<b>626</b>	<b>518</b>	<b>700</b>	<b>1 653</b>	<b>1 595</b>	<b>1 362</b>	<b>539</b>	<b>447</b>
Steam or hot water system -----	977	28	76	68	60	68	205	210	172	90	492
Central warm-air furnace or electric heat pump -----	7 015	624	762	440	441	565	1 357	1 287	1 115	424	448
Other built-in electric units -----	235	24	17	7	—	8	25	68	71	15	554
Floor, wall, or pipeless furnace -----	285	81	32	44	17	41	51	9	—	10	284
Other means -----	199	33	41	67	—	18	15	21	4	—	269
<b>Air conditioning -----</b>	<b>2 595</b>	<b>227</b>	<b>374</b>	<b>220</b>	<b>182</b>	<b>238</b>	<b>508</b>	<b>359</b>	<b>353</b>	<b>134</b>	<b>411</b>
Central system -----	639	11	56	56	37	76	129	126	77	71	450
1 or more individual room units -----	1 956	216	318	164	145	162	379	233	276	63	392
<b>House heating fuel -----</b>	<b>8 711</b>	<b>790</b>	<b>928</b>	<b>626</b>	<b>518</b>	<b>700</b>	<b>1 653</b>	<b>1 595</b>	<b>1 362</b>	<b>539</b>	<b>447</b>
Utility gas -----	8 327	752	899	608	511	683	1 607	1 516	1 362	515	443
Bottled, tank, or LP gas -----	10	—	6	—	—	—	—	—	4	—	242
Electricity -----	327	24	17	7	7	17	36	73	122	24	576
Fuel oil, kerosene, etc. -----	—	—	—	—	—	—	—	—	—	—	—
Other -----	47	14	6	11	—	—	10	6	—	—	266

Table B—6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

## Casper city

	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
<b>Specified owner-occupied housing units</b> .....	<b>2 468</b>	<b>33</b>	<b>396</b>	<b>765</b>	<b>674</b>	<b>311</b>	<b>181</b>	<b>38</b>	<b>70</b>	<b>101</b>
<b>PERSONS IN UNIT</b>										
1 person .....	643	6	158	252	156	46	20	5	—	91
2 persons .....	1 228	19	192	346	389	113	115	19	35	104
3 persons .....	341	8	37	71	73	110	20	7	15	119
4 persons .....	156	—	9	52	43	15	26	7	4	110
5 persons .....	45	—	—	6	8	27	—	—	4	133
6 persons .....	27	—	—	22	—	—	—	—	5	90
7 persons .....	23	—	—	11	5	—	—	—	7	102
8 or more persons .....	5	—	—	5	—	—	—	—	—	88
Median .....	1.98	2.05	1.71	1.88	1.97	2.47	2.11	2.24	2.50	...
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>										
<b>Married-couple families</b> .....	<b>1 586</b>	<b>12</b>	<b>208</b>	<b>443</b>	<b>427</b>	<b>256</b>	<b>149</b>	<b>25</b>	<b>66</b>	<b>108</b>
15 to 24 years .....	14	—	—	14	—	—	—	—	—	88
25 to 34 years .....	104	—	8	25	21	27	—	7	16	123
35 to 44 years .....	102	—	12	41	13	13	15	—	8	99
45 to 64 years .....	782	—	82	196	219	138	103	13	31	113
65 years and over .....	584	12	106	167	174	78	31	5	11	101
<b>Male householder, no wife present</b> .....	<b>267</b>	<b>14</b>	<b>83</b>	<b>86</b>	<b>48</b>	<b>31</b>	<b>5</b>	<b>—</b>	<b>—</b>	<b>86</b>
15 to 24 years .....	14	—	—	—	14	—	—	—	—	113
25 to 34 years .....	20	—	20	—	—	—	—	—	—	63
35 to 44 years .....	12	—	6	—	6	—	—	—	—	87
45 to 64 years .....	92	8	21	33	15	15	—	—	—	88
65 years and over .....	129	6	36	53	13	16	5	—	—	86
<b>Female householder, no husband present</b> .....	<b>615</b>	<b>7</b>	<b>105</b>	<b>236</b>	<b>199</b>	<b>24</b>	<b>27</b>	<b>13</b>	<b>4</b>	<b>96</b>
15 to 24 years .....	—	—	—	—	—	—	—	—	—	—
25 to 34 years .....	—	—	—	—	—	—	—	—	—	—
35 to 44 years .....	20	—	—	—	20	—	—	—	—	113
45 to 64 years .....	259	7	50	98	86	8	6	—	4	93
65 years and over .....	336	—	55	138	93	16	21	13	—	95
Median age .....	61.3	66.3	64.7	63.7	61.0	58.0	58.2	64.6	52.2	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>										
1979 to March 1980 .....	122	—	19	16	52	21	7	7	—	113
1975 to 1978 .....	245	—	11	70	43	75	28	5	13	124
1970 to 1974 .....	214	—	24	74	39	29	41	—	7	106
1960 to 1969 .....	553	13	86	137	181	77	32	7	20	106
1959 or earlier .....	1 334	20	256	468	359	109	73	19	30	96
<b>ROOMS</b>										
1 to 3 rooms .....	72	14	50	—	8	—	—	—	—	61
4 rooms .....	419	19	143	172	69	8	—	8	—	82
5 rooms .....	669	—	104	211	215	73	60	—	6	102
6 rooms .....	487	—	81	205	132	21	25	7	16	95
7 rooms .....	332	—	10	105	125	82	—	5	5	110
8 or more rooms .....	489	—	8	72	125	127	96	18	43	133
Median .....	5.7	3.6	4.5	5.5	5.8	7.2	7.7	7.3	8.5	...
<b>YEAR STRUCTURE BUILT</b>										
1975 to March 1980 .....	130	—	8	15	8	64	22	—	13	138
1970 to 1974 .....	60	—	—	13	36	—	11	—	—	112
1960 to 1969 .....	187	—	6	28	71	42	18	7	15	121
1950 to 1959 .....	935	—	90	385	276	83	59	23	19	100
1940 to 1949 .....	373	12	69	131	87	32	11	8	23	95
1939 or earlier .....	783	21	223	193	196	90	60	—	—	94
<b>VALUE</b>										
Less than \$10,000 .....	18	—	18	—	—	—	—	—	—	63
\$10,000 to \$19,999 .....	49	—	29	9	9	2	—	—	—	71
\$20,000 to \$29,999 .....	104	27	36	41	—	—	—	—	—	67
\$30,000 to \$39,999 .....	165	—	34	119	12	—	—	—	—	85
\$40,000 to \$49,999 .....	446	6	141	195	90	14	—	—	—	85
\$50,000 to \$59,999 .....	512	—	99	170	153	65	25	—	—	98
\$60,000 to \$79,999 .....	679	—	26	198	299	89	55	12	—	110
\$80,000 to \$99,999 .....	241	—	—	27	73	89	28	—	24	131
\$100,000 to \$149,999 .....	182	—	13	6	30	44	68	15	6	149
\$150,000 or more .....	72	—	—	—	8	8	5	11	40	250+
Median .....	\$58 500	\$25 900	\$44 800	\$50 900	\$63 200	\$78 200	\$92 000	\$121 900	\$200000+	...
<b>SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>										
Less than 10 percent .....	1 541	26	240	487	404	227	120	18	19	101
10 to 14 percent .....	367	7	74	104	95	44	25	—	18	100
15 to 19 percent .....	216	—	63	29	97	14	13	—	—	104
20 to 24 percent .....	182	—	16	50	54	—	15	20	27	112
25 to 29 percent .....	43	—	3	21	—	11	8	—	—	97
30 to 34 percent .....	35	—	—	20	—	9	—	—	6	97
35 percent or more .....	68	—	—	38	24	6	—	—	—	97
Not computed .....	16	—	—	16	—	—	—	—	—	88
Median .....	10—	10—	10—	10—	10—	10—	10—	20.2	14.4	...
<b>SELECTED CHARACTERISTICS</b>										
<b>Heating equipment</b> .....	<b>2 468</b>	<b>33</b>	<b>396</b>	<b>765</b>	<b>674</b>	<b>311</b>	<b>181</b>	<b>38</b>	<b>70</b>	<b>101</b>
Steam or hot water system .....	287	—	28	66	105	29	47	7	5	112
Central warm-air furnace or electric heat pump .....	1 818	13	245	564	514	268	122	31	61	104
Other built-in electric units .....	16	—	—	—	5	—	7	—	4	171
Floor, wall, or pipeless furnace .....	228	6	84	108	30	—	—	—	—	81
Other means .....	119	14	39	27	20	14	5	—	—	81
<b>Air conditioning</b> .....	<b>914</b>	<b>21</b>	<b>61</b>	<b>304</b>	<b>300</b>	<b>96</b>	<b>62</b>	<b>31</b>	<b>39</b>	<b>106</b>
Central system .....	288	—	8	63	89	51	20	26	31	121
1 or more individual room units .....	626	21	53	241	211	45	42	5	8	100
<b>House heating fuel</b> .....	<b>2 468</b>	<b>33</b>	<b>396</b>	<b>765</b>	<b>674</b>	<b>311</b>	<b>181</b>	<b>38</b>	<b>70</b>	<b>101</b>
Utility gas .....	2 432	33	396	759	655	311	174	38	66	101
Bottled, tank, or LP gas .....	—	—	—	—	—	—	—	—	—	—
Electricity .....	30	—	—	—	19	—	7	—	4	120
Fuel oil, kerosene, etc. ....	—	—	—	—	—	—	—	—	—	—
Other .....	6	—	—	6	—	—	—	—	—	88



Table B—7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Casper city	Owner-occupied housing units						Renter-occupied housing units					
	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier
Occupied housing units .....	13 036	3 310	1 052	1 849	4 874	1 951	5 838	1 445	594	655	1 575	1 569
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
Married-couple families .....	9 861	2 797	785	1 530	3 547	1 202	2 059	622	234	256	514	433
15 to 24 years .....	349	99	49	47	124	30	563	103	50	112	122	176
25 to 34 years .....	2 841	1 251	221	335	826	208	795	301	62	60	230	142
35 to 44 years .....	2 049	787	176	375	564	147	327	86	71	41	78	51
45 to 64 years .....	3 656	646	297	694	1 551	468	318	105	37	35	77	64
65 years and over .....	966	14	42	79	482	349	56	27	14	8	7	—
Male householder, no wife present .....	1 417	302	170	146	532	247	1 919	473	139	160	589	558
15 to 24 years .....	173	38	47	21	59	8	728	174	49	36	225	244
25 to 34 years .....	520	153	59	70	192	46	755	187	59	83	255	171
35 to 44 years .....	216	56	34	21	79	26	155	66	6	8	39	36
45 to 64 years .....	287	48	16	26	103	94	165	37	8	11	31	78
65 years and over .....	221	7	14	8	119	73	116	9	17	22	39	29
Female householder, no husband present .....	1 758	211	97	173	775	502	1 860	350	221	239	472	578
15 to 24 years .....	43	23	—	15	—	5	511	103	25	39	168	176
25 to 34 years .....	238	54	28	26	112	18	400	97	44	8	102	149
35 to 44 years .....	218	59	17	27	75	40	138	30	10	6	50	42
45 to 64 years .....	685	62	52	65	333	173	333	33	47	59	94	100
65 years and over .....	574	13	—	40	255	266	478	87	95	127	58	111
Median age .....	44.5	35.3	40.7	44.7	50.0	57.3	29.6	30.6	35.9	34.0	28.4	28.5
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980 .....	2 538	1 396	233	254	483	172	3 675	1 202	306	362	870	935
1975 to 1978 .....	4 423	1 914	399	513	1 339	258	1 474	243	169	218	444	400
1970 to 1974 .....	1 779	—	420	366	635	358	494	—	119	49	163	163
1960 to 1969 .....	2 226	—	—	716	1 056	454	145	—	—	26	71	48
1959 or earlier .....	2 070	—	—	—	1 361	709	50	—	—	—	27	23
<b>ROOMS</b>												
1 room .....	4	—	—	—	4	—	132	—	8	21	12	91
2 rooms .....	13	—	—	7	6	—	525	34	9	80	147	255
3 rooms .....	310	28	55	41	49	137	1 492	319	225	168	347	433
4 rooms .....	1 504	256	184	93	686	285	2 113	834	177	178	468	456
5 rooms .....	2 729	518	180	270	1 323	438	900	197	113	102	341	147
6 rooms .....	2 307	544	154	216	1 069	324	335	34	42	39	140	80
7 or more rooms .....	6 169	1 964	479	1 222	1 737	767	341	27	20	67	120	107
Median .....	6.3	7.0	6.2	7.2	5.8	5.9	3.9	3.9	3.8	3.8	4.1	3.5
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
Complete plumbing for exclusive use .....	13 001	3 306	1 052	1 849	4 849	1 945	5 347	1 342	576	529	1 516	1 384
0.50 or less .....	9 272	2 223	697	1 340	3 529	1 483	3 525	869	378	381	916	981
0.51 to 1.00 .....	3 548	1 045	310	482	1 263	448	1 570	439	166	130	486	349
1.01 to 1.50 .....	161	38	45	27	46	5	169	34	14	8	64	49
1.51 or more .....	20	—	—	—	11	9	83	—	18	10	50	5
Lacking complete plumbing for exclusive use .....	35	4	—	—	25	6	491	103	18	126	59	185
0.50 or less .....	10	4	—	—	6	—	291	41	9	118	28	95
0.51 to 1.00 .....	25	—	—	—	19	6	174	52	—	8	24	90
1.01 to 1.50 .....	—	—	—	—	—	—	26	10	9	—	7	—
1.51 or more .....	—	—	—	—	—	—	—	—	—	—	—	—
<b>PERSONS IN UNIT</b>												
1 person .....	1 866	230	156	144	826	510	2 440	476	230	324	547	863
2 persons .....	4 323	800	284	603	1 871	765	1 735	522	192	186	464	371
3 persons .....	2 589	790	222	390	900	287	766	271	76	82	197	140
4 persons .....	2 539	916	218	411	802	192	553	142	50	39	191	131
5 persons .....	1 228	420	126	235	345	102	233	34	22	16	113	48
6 or more persons .....	491	154	46	66	130	95	111	—	24	8	63	16
Median .....	2.63	3.29	2.89	2.96	2.36	2.11	1.78	1.97	1.85	1.52	2.02	1.41
Total persons .....	38 700	11 108	3 354	5 948	13 365	4 925	11 607	2 901	1 269	1 167	3 562	2 708
<b>UNITS IN STRUCTURE</b>												
1, detached or attached .....	11 591	2 903	663	1 698	4 677	1 650	1 636	97	101	213	694	531
2 .....	180	—	—	16	46	118	636	—	45	45	293	253
3 and 4 .....	175	13	8	11	26	117	1 115	483	34	130	242	226
5 to 9 .....	94	—	7	7	65	15	527	105	62	54	150	156
10 to 49 .....	180	58	60	9	9	44	1 436	626	270	58	97	385
50 or more .....	—	—	—	—	—	—	406	119	54	131	84	18
Mobile home or trailer, etc. ....	816	336	314	108	51	7	82	15	28	24	15	—
<b>SELECTED CHARACTERISTICS</b>												
Heating equipment .....	13 036	3 310	1 052	1 849	4 874	1 951	5 838	1 445	594	655	1 575	1 569
Steam or hot water system .....	1 538	460	174	258	225	421	1 418	505	254	100	172	387
Central warm-air furnace or electric heat pump .....	10 279	2 617	850	1 560	4 152	1 100	2 815	594	293	468	851	609
Other built-in electric units .....	302	212	14	11	26	39	399	303	17	12	39	28
Floor, wall, or pipeless furnace .....	546	9	8	10	301	218	630	26	30	32	320	222
Other means .....	371	12	6	10	170	173	576	17	—	43	193	323
Air conditioning .....	4 390	823	453	772	1 811	531	1 630	700	368	131	250	181
Central system .....	1 205	347	124	247	374	113	617	342	94	31	128	22
1 or more individual room units .....	3 185	476	329	525	1 437	418	1 013	358	274	100	122	159
House heating fuel .....	13 036	3 310	1 052	1 849	4 874	1 951	5 838	1 445	594	655	1 575	1 569
Utility gas .....	12 534	3 020	1 032	1 794	4 776	1 912	5 252	1 032	568	637	1 498	1 517
Bottled, tank, or LP gas .....	12	6	—	6	—	—	37	—	—	6	16	15
Electricity .....	437	278	14	49	57	39	539	403	26	12	61	37
Fuel oil, kerosene, etc. ....	—	—	—	—	—	—	—	—	—	—	—	—
Other .....	53	6	6	—	41	—	10	10	—	—	—	—
Income in 1979 below poverty level .....	455	55	33	54	166	147	794	93	104	92	249	256
Percent below poverty level .....	3.5	1.7	3.1	2.9	3.4	7.5	13.6	6.4	17.5	14.0	15.8	16.3
<b>HOUSEHOLD INCOME IN 1979</b>												
Less than \$5,000 .....	509	37	20	25	237	190	847	98	128	171	191	259
\$5,000 to \$9,999 .....	1 043	89	99	72	457	326	1 070	179	61	86	351	393
\$10,000 to \$12,499 .....	607	66	68	54	273	146	566	123	24	70	158	191
\$12,500 to \$14,999 .....	471	71	58	33	198	111	452	60	26	65	97	204
\$15,000 to \$19,999 .....	1 301	219	90	193	548	251	909	277	61	67	250	254
\$20,000 to \$24,999 .....	1 857	404	128	351	747	227	717	265	67	45	215	125
\$25,000 to \$34,999 .....	3 604	1 162	266	544	1 257	375	744	240	129	98	177	100
\$35,000 to \$49,999 .....	2 366	823	183	322	816	222	313	81	59	47	104	22
\$50,000 or more .....	1 278	439	140	255	341	103	220	122	39	6	32	21
Median .....	\$26 800	\$31 963	\$27 817	\$28 164	\$24 796	\$18 606	\$14 912	\$19 795	\$19 792	\$12 519	\$14 755	\$11 734
Mean .....	\$29 555	\$35 155	\$31 360	\$33 874	\$26 644	\$22 260	\$17 667	\$23 120	\$20 841	\$15 397	\$16 961	\$13 101



Table B—8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Casper city

	Owner-occupied housing units				Renter-occupied housing units							
	Total	1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	Mobile home or trailer, etc.
Occupied housing units	13 036	11 591	629	816	5 838	1 636	636	1 115	527	1 436	406	82
Condominium housing units	153	36	117	—	78	—	—	—	—	78	—	—
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
Married-couple families	9 861	9 126	290	445	2 059	843	188	453	115	357	45	58
15 to 24 years	349	234	8	107	563	162	107	144	16	95	25	14
25 to 34 years	2 841	2 657	45	139	795	369	44	214	28	131	—	9
35 to 44 years	2 049	1 944	58	47	327	205	—	48	28	36	—	10
45 to 64 years	3 656	3 416	112	128	318	107	37	40	43	76	—	15
65 years and over	966	875	67	24	56	—	—	7	—	19	20	10
Male householder, no wife present	1 417	1 038	189	190	1 919	404	218	429	226	550	83	9
15 to 24 years	173	115	14	44	728	150	87	184	84	205	9	9
25 to 34 years	520	393	70	57	755	184	113	145	80	196	37	9
35 to 44 years	216	143	23	50	155	35	8	60	6	46	—	—
45 to 64 years	287	212	50	25	165	35	—	28	21	72	9	—
65 years and over	221	175	32	14	116	—	10	12	35	31	28	—
Female householder, no husband present	1 758	1 427	150	181	1 860	389	230	233	186	529	278	15
15 to 24 years	43	5	—	38	511	65	113	67	37	184	30	15
25 to 34 years	238	169	11	58	400	96	60	58	60	116	10	—
35 to 44 years	218	187	9	22	138	32	5	26	25	50	—	—
45 to 64 years	685	591	50	44	333	127	52	53	28	55	18	—
65 years and over	574	475	80	19	478	69	—	29	36	124	220	—
Median age	44.5	44.8	54.7	32.5	29.6	30.1	25.4	28.8	30.9	29.3	70.5	31.7
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980	2 538	2 158	115	265	3 675	923	436	860	286	1 011	109	50
1975 to 1978	4 423	3 914	176	333	1 474	508	131	178	125	312	196	24
1970 to 1974	1 779	1 491	105	183	494	113	50	51	93	104	75	8
1960 to 1969	2 226	2 121	70	35	145	77	7	26	—	9	26	—
1959 or earlier	2 070	1 907	163	—	50	15	12	—	23	—	—	—
<b>ROOMS</b>												
1 room	4	4	—	—	132	10	—	—	—	104	10	8
2 rooms	13	7	6	—	525	45	62	42	—	189	79	15
3 rooms	310	126	81	103	1 492	167	162	251	191	423	283	15
4 rooms	1 504	956	148	400	2 113	380	270	638	189	583	24	29
5 rooms	2 729	2 283	159	287	900	512	76	145	49	103	—	15
6 rooms	2 307	2 244	56	7	335	239	30	17	5	34	10	—
7 or more rooms	6 169	5 971	179	19	341	283	36	22	—	—	—	—
Median	6.3	6.6	5.0	4.3	3.9	4.9	3.8	3.9	3.4	3.5	2.9	3.6
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
Complete plumbing for exclusive use	13 001	11 587	598	816	5 347	1 636	568	958	527	1 303	273	82
0.50 or less	9 272	8 325	478	469	3 525	919	378	653	400	931	210	34
0.51 to 1.00	3 548	3 138	120	290	1 570	594	147	272	127	327	63	40
1.01 to 1.50	161	104	—	57	169	79	18	27	—	45	—	—
1.51 or more	20	20	—	—	83	44	25	6	—	—	—	8
Lacking complete plumbing for exclusive use	35	4	31	—	491	—	68	157	—	133	133	—
0.50 or less	10	4	6	—	291	—	22	86	—	68	115	—
0.51 to 1.00	25	—	25	—	174	—	39	52	—	65	18	—
1.01 to 1.50	—	—	—	—	26	—	7	19	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—
<b>BEDROOMS</b>												
None	10	4	6	—	295	19	8	5	27	189	39	8
1	383	240	95	48	2 037	270	214	314	261	630	318	30
2	3 049	2 299	304	446	2 454	592	284	740	212	577	39	10
3	5 292	4 835	141	316	810	554	102	56	27	27	10	34
4	3 200	3 129	65	6	179	138	28	—	—	13	—	—
5 or more	1 102	1 084	18	—	63	63	—	—	—	—	—	—
<b>HOUSEHOLD INCOME IN 1979</b>												
Less than \$5,000	509	437	39	33	847	138	84	91	96	186	237	15
\$5,000 to \$9,999	1 043	861	93	89	1 070	250	126	134	95	359	87	19
\$10,000 to \$12,499	607	451	73	83	566	163	57	64	99	154	20	9
\$12,500 to \$14,999	471	372	25	74	452	131	93	92	21	92	23	—
\$15,000 to \$19,999	1 301	1 089	63	149	909	319	103	201	20	241	—	25
\$20,000 to \$24,999	1 857	1 627	66	164	717	206	72	203	98	124	—	14
\$25,000 to \$34,999	3 604	3 298	168	138	744	262	31	197	63	168	23	—
\$35,000 to \$49,999	2 366	2 273	52	41	313	138	33	53	7	66	16	—
\$50,000 or more	1 278	1 183	50	45	220	29	37	80	28	46	—	—
Median	\$26 800	\$27 766	\$21 920	\$19 242	\$14 912	\$17 086	\$13 871	\$19 355	\$11 831	\$13 016	\$4 465	\$11 944
Mean	\$29 555	\$30 460	\$23 094	\$21 672	\$17 667	\$18 839	\$17 391	\$21 478	\$16 681	\$17 020	\$7 558	\$12 353
<b>SELECTED CHARACTERISTICS</b>												
<b>Heating equipment</b>	13 036	11 591	629	816	5 838	1 636	636	1 115	527	1 436	406	82
Steam or hot water system	1 538	1 334	190	14	1 418	99	46	203	142	716	212	—
Central warm-air furnace or electric heat pump	10 279	9 124	361	794	2 815	1 058	358	487	243	437	165	67
Other built-in electric units	302	283	19	—	399	50	25	223	12	45	29	15
Floor, wall, or pipeless furnace	546	525	13	8	630	280	146	129	47	28	—	—
Other means	371	325	46	—	576	149	61	73	83	210	—	—
<b>Air conditioning</b>	4 390	3 649	241	500	1 630	259	47	184	127	786	154	73
Central system	1 205	985	61	159	617	49	11	52	61	327	94	23
<b>Vehicles available</b>	12 827	11 391	620	816	5 272	1 588	586	1 072	449	1 263	232	82
1	2 669	2 245	239	185	2 609	597	357	440	305	755	131	24
2 or more	10 158	9 146	381	631	2 663	991	229	632	144	508	101	58
<b>House heating fuel</b>	13 036	11 591	629	816	5 838	1 636	636	1 115	527	1 436	406	82
Utility gas	12 534	11 139	589	806	5 252	1 579	606	767	502	1 354	377	67
Bottled, tank, or LP gas	12	10	—	2	37	—	—	31	6	—	—	—
Electricity	437	389	40	8	539	57	30	307	19	82	29	15
Fuel oil, kerosene, etc.	—	—	—	—	—	—	—	—	—	—	—	—
Other	53	53	—	—	10	—	—	10	—	—	—	—
<b>Water heating fuel</b>	13 036	11 591	629	816	5 838	1 636	636	1 115	527	1 436	406	82
Utility gas	12 027	10 696	590	741	5 036	1 537	582	769	483	1 250	333	82
Bottled, tank, or LP gas	41	39	—	2	49	11	—	22	16	—	—	—
Electricity	968	856	39	73	753	88	54	324	28	186	73	—
Fuel oil, kerosene, etc.	—	—	—	—	—	—	—	—	—	—	—	—
Other	—	—	—	—	—	—	—	—	—	—	—	—
<b>Family householder</b>	10 821	9 912	345	564	2 628	1 017	308	529	171	471	65	67
With own children under 18 years	5 764	5 342	122	300	1 500	735	189	248	67	210	20	31
With own children under 6 years	2 593	2 371	52	170	953	449	120	186	29	133	20	16
<b>Female householder, no husband present</b>	702	580	43	79	421	127	89	36	42	107	20	—
With own children under 18 years	435	348	13	74	314	73	64	36	35	86	20	—
With own children under 6 years	99	62	6	31	155	33	15	23	12	52	20	—
<b>Nonfamily householder</b>	2 215	1 679	284	252	3 210	619	328	586	356	965	341	15
Income in 1979 below poverty level	455	395	15	45	794	179	100	97	66	176	166	10
Percent below poverty level	3.5	3.4	2.4	5.5	13.6	10.9	15.7	8.7	12.5	12.3	40.9	12.2



Table B—9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Casper city	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
<b>Owner-occupied housing units</b>	<b>13 036</b>	<b>1 866</b>	<b>4 323</b>	<b>2 589</b>	<b>2 539</b>	<b>1 228</b>	<b>314</b>	<b>145</b>	<b>32</b>	<b>2.63</b>	<b>38 700</b>
Nonrelatives present	594	—	274	120	84	76	14	26	—	2.69	1 959
<b>ROOMS</b>											
1 to 3 rooms	327	144	90	39	38	7	—	—	9	1.72	663
4 rooms	1 504	489	680	189	100	30	16	—	—	1.89	3 167
5 rooms	2 729	515	1 010	593	381	177	34	19	—	2.34	7 206
6 rooms	2 307	332	833	414	512	155	39	17	5	2.49	6 515
7 rooms	2 097	182	638	509	505	183	58	22	—	2.95	6 515
8 or more rooms	4 072	204	1 072	845	1 003	676	167	87	18	3.40	14 634
Median	6.3	5.1	6.0	6.6	7.0	7.7	7.6	8.0	7.7	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>											
<b>Complete plumbing for exclusive use</b>	<b>13 001</b>	<b>1 866</b>	<b>4 311</b>	<b>2 576</b>	<b>2 529</b>	<b>1 228</b>	<b>314</b>	<b>145</b>	<b>32</b>	<b>2.63</b>	<b>38 581</b>
1.00 or less	12 820	1 866	4 311	2 576	2 491	1 191	264	109	12	2.59	37 608
1.01 to 1.50	161	—	—	—	34	30	50	36	11	5.83	857
1.51 or more	20	—	—	—	4	7	—	—	9	5.36	116
<b>Lacking complete plumbing for exclusive use</b>	<b>35</b>	<b>—</b>	<b>12</b>	<b>13</b>	<b>10</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>2.92</b>	<b>119</b>
1.00 or less	35	—	12	13	10	—	—	—	—	2.92	119
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—
<b>UNITS IN STRUCTURE</b>											
1, detached or attached	11 591	1 451	3 833	2 323	2 351	1 160	309	132	32	2.72	35 105
2 or more	629	240	180	136	51	17	5	—	—	1.91	1 368
Mobile home or trailer, etc.	816	175	310	130	137	51	—	13	—	2.25	2 227
<b>VALUE</b>											
<b>Specified owner-occupied housing units</b>	<b>11 179</b>	<b>1 375</b>	<b>3 690</b>	<b>2 279</b>	<b>2 247</b>	<b>1 115</b>	<b>309</b>	<b>132</b>	<b>32</b>	<b>2.73</b>	<b>33 922</b>
Less than \$10,000	18	—	—	8	—	—	—	—	—	2.40	49
\$10,000 to \$19,999	62	28	28	—	6	—	—	—	—	1.61	162
\$20,000 to \$29,999	175	58	84	26	7	—	—	—	—	1.85	328
\$30,000 to \$39,999	346	133	113	39	7	28	7	5	14	1.85	771
\$40,000 to \$49,999	984	223	445	172	86	20	20	11	7	2.10	2 410
\$50,000 to \$59,999	1 730	290	610	348	283	148	28	23	—	2.44	4 892
\$60,000 to \$79,999	4 096	448	1 300	844	903	410	144	42	5	2.86	12 629
\$80,000 to \$99,999	2 239	133	667	495	593	266	57	28	—	3.15	7 086
\$100,000 to \$149,999	1 256	51	346	275	301	213	48	16	6	3.34	4 510
\$150,000 or more	273	11	87	72	61	30	5	7	—	3.03	1 085
Median	\$70 900	\$58 200	\$68 600	\$74 600	\$75 800	\$77 100	\$71 700	\$68 900	\$46 400	...	...
<b>SELECTED CHARACTERISTICS</b>											
<b>All income levels in 1979</b>	<b>13 036</b>	<b>1 866</b>	<b>4 323</b>	<b>2 589</b>	<b>2 539</b>	<b>1 228</b>	<b>314</b>	<b>145</b>	<b>32</b>	<b>2.63</b>	<b>38 700</b>
Median income	\$26 800	\$12 500	\$26 225	\$29 867	\$29 705	\$31 300	\$31 636	\$30 938	\$28 750	...	...
Median selected monthly owner costs as percentage of household income	16.5	19.0	13.1	16.6	19.8	17.6	17.1	16.8	15.0	...	...
With a mortgage	18.8	24.6	16.5	18.1	20.6	17.9	18.1	18.6	16.4	...	...
Not mortgaged	10—	12.6	10—	10—	10—	10—	10—	10—	10—	...	...
<b>Income in 1979 below poverty level</b>	<b>455</b>	<b>142</b>	<b>151</b>	<b>63</b>	<b>52</b>	<b>34</b>	<b>6</b>	<b>—</b>	<b>7</b>	<b>2.07</b>	<b>...</b>
Median income	\$3 600	\$2 664	\$3 444	\$4 236	\$5 588	\$5 865	\$6 250	—	\$11 250	...	...
Median selected monthly owner costs as percentage of household income	50+	50+	48.5	34.5	50+	50+	50+	—	45.0	...	...
With a mortgage	50+	50+	50+	50+	50+	50+	50+	—	45.0	...	...
Not mortgaged	29.0	43.2	23.9	26.9	50+	22.5	—	—	—	...	...
<b>Renter-occupied housing units</b>	<b>5 838</b>	<b>2 440</b>	<b>1 735</b>	<b>766</b>	<b>553</b>	<b>233</b>	<b>10</b>	<b>59</b>	<b>42</b>	<b>1.78</b>	<b>11 607</b>
Nonrelatives present	951	—	621	197	50	43	—	30	10	2.27	2 375
<b>ROOMS</b>											
1 room	132	114	8	10	—	—	—	—	—	1.08	162
2 rooms	525	397	65	50	5	8	—	—	—	1.16	709
3 rooms	1 492	993	362	108	29	—	—	—	—	1.25	2 225
4 rooms	2 113	657	862	272	222	76	—	18	6	1.96	4 314
5 rooms	900	169	306	215	121	50	10	10	19	2.42	2 156
6 rooms	335	59	64	70	72	49	—	12	9	3.14	989
7 or more rooms	341	51	68	41	104	50	—	19	8	3.60	1 052
Median	3.9	3.2	4.0	4.3	4.7	5.1	5.0	5.6	5.3	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>											
<b>Complete plumbing for exclusive use</b>	<b>5 347</b>	<b>2 141</b>	<b>1 624</b>	<b>704</b>	<b>543</b>	<b>224</b>	<b>10</b>	<b>59</b>	<b>42</b>	<b>1.83</b>	<b>10 846</b>
1.00 or less	5 095	2 141	1 616	651	519	149	—	19	—	1.75	9 625
1.01 to 1.50	169	—	—	43	19	67	10	22	8	4.84	756
1.51 or more	83	—	8	10	5	8	—	18	34	7.08	465
<b>Lacking complete plumbing for exclusive use</b>	<b>491</b>	<b>299</b>	<b>111</b>	<b>62</b>	<b>10</b>	<b>9</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>1.32</b>	<b>761</b>
1.00 or less	465	299	111	55	—	—	—	—	—	1.28	651
1.01 to 1.50	26	—	—	7	10	9	—	—	—	4.10	110
1.51 or more	—	—	—	—	—	—	—	—	—	—	—
<b>UNITS IN STRUCTURE</b>											
1, detached or attached	1 636	378	464	264	293	160	—	35	42	2.45	4 320
2	636	250	172	86	70	30	10	18	—	1.90	1 310
3 and 4	1 115	419	383	197	86	24	—	6	—	1.86	2 062
5 to 9	527	262	181	44	40	—	—	—	—	1.51	899
10 to 49	1 436	799	430	149	39	19	—	—	—	1.40	2 305
50 or more	406	317	69	20	—	—	—	—	—	1.14	528
Mobile home or trailer, etc.	82	15	36	6	25	—	—	—	—	2.22	183
<b>GROSS RENT</b>											
<b>Specified renter-occupied housing units</b>	<b>5 813</b>	<b>2 440</b>	<b>1 730</b>	<b>761</b>	<b>553</b>	<b>233</b>	<b>10</b>	<b>53</b>	<b>33</b>	<b>1.77</b>	<b>11 410</b>
Less than \$100	246	233	13	—	—	—	—	—	—	1.03	302
\$100 to \$149	315	210	60	27	6	—	—	12	—	1.25	489
\$150 to \$199	525	356	73	55	22	9	10	—	—	1.24	775
\$200 to \$249	624	393	121	71	32	7	—	—	—	1.29	927
\$250 to \$299	726	419	197	58	31	9	—	6	6	1.37	1 252
\$300 to \$349	774	301	339	69	52	13	—	—	—	1.75	1 326
\$350 to \$399	822	256	325	134	55	43	—	9	—	1.98	1 609
\$400 to \$499	1 146	183	412	263	192	88	—	8	—	2.45	2 831
\$500 or more	484	39	145	63	147	45	—	27	18	3.42	1 537
No cash rent	151	50	45	21	16	19	—	—	—	2.07	362
Median	\$326	\$250	\$356	\$384	\$437	\$430	\$195	\$500+	\$500+	...	...
<b>SELECTED CHARACTERISTICS</b>											
<b>All income levels in 1979</b>	<b>5 838</b>	<b>2 440</b>	<b>1 735</b>	<b>766</b>	<b>553</b>	<b>233</b>	<b>10</b>	<b>59</b>	<b>42</b>	<b>1.78</b>	<b>11 607</b>
Median income	\$14 912	\$9 352	\$18 055	\$20 329	\$19 547	\$18 264	\$32 500	\$24 097	\$36 765	...	...
Median gross rent as percentage of household income	25.4	28.5	23.5	19.9	27.5	30.5	10—	18.8	24.1	...	...
<b>Income in 1979 below poverty level</b>	<b>794</b>	<b>463</b>	<b>112</b>	<b>90</b>	<b>81</b>	<b>36</b>	<b>—</b>	<b>6</b>	<b>6</b>	<b>1.36</b>	<b>...</b>
Median income	\$2 942	\$2500—	\$3 431	\$5 185	\$6 086	\$6 618	—	\$6 250	\$8 750	...	...
Median gross rent as percentage of household income	50+	50+	50+	50+	50+	50+	—	50+	32.5	...	...



Table B-10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

Casper city		Married-couple families										Male householder, no wife present					Female householder, no husband present					Median age
Total		15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over						
13 036		349	2 841	2 049	3 656	966	173	520	216	287	221	43	238	218	685	574	44.5					
Owner-occupied housing units																						
PERSONS IN UNIT																						
1 person	1 866	—	—	—	—	—	94	272	112	193	208	21	87	16	416	447	58.2					
2 persons	4 323	146	524	203	1 864	851	49	165	56	44	13	22	67	39	174	106	53.9					
3 persons	2 589	117	679	372	1 003	78	30	58	14	31	19	—	54	90	42	21	42.0					
4 persons	2 539	68	1 059	712	502	26	—	25	20	19	—	—	18	43	47	—	36.1					
5 persons	1 228	9	480	280	86	5	—	—	—	—	—	—	12	18	6	—	37.2					
6 or more persons	491	274	371	413	248	207	142	875	439	463	222	152	198	310	132	114	41.3					
Median	2.63	1 140	8 970	10 481	2 207	2 207	296	—	—	—	—	73	553	758	1 150	767	44.5					
Total persons	38 700	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
PLUMBING FACILITIES BY PERSONS PER ROOM																						
Complete plumbing for exclusive use	13 001	349	2 841	2 045	3 637	960	173	520	216	281	221	43	238	218	685	574	44.4					
1.01 or more persons per room	181	—	70	65	33	5	—	8	—	6	—	—	—	—	—	—	40.2					
Lacking complete plumbing for exclusive use	35	—	—	4	19	6	—	—	—	—	—	—	—	—	—	—	56.9					
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																						
Specified owner-occupied housing units																						
With a mortgage																						
Less than 15 percent	11 179	227	2 568	1 891	3 304	824	108	381	138	204	169	5	158	187	576	439	44.6					
15 to 19 percent	8 711	213	2 464	1 789	2 522	240	94	361	126	112	40	5	158	167	317	103	39.7					
20 to 24 percent	3 093	33	447	675	1 545	94	14	68	5	35	14	—	21	28	90	24	47.6					
25 to 29 percent	1 673	26	449	443	408	21	28	79	36	35	13	—	17	27	91	—	39.5					
30 to 34 percent	1 539	36	671	308	216	33	17	86	61	9	5	—	19	18	54	11	34.4					
35 percent or more	961	63	379	214	151	18	14	45	7	5	8	—	25	23	26	6	34.0					
Not computed	456	13	200	82	61	6	—	26	8	22	—	5	66	56	50	62	34.5					
Median	979	42	318	67	136	68	21	57	9	—	—	—	5	—	—	—	42.5					
Not mortgaged																						
Less than 10 percent	18	25.9	22.5	17.5	12.5	20.8	21.5	21.9	21.8	18.0	17.3	45.0	28.9	27.3	18.8	50.1	61.3					
10 to 14 percent	2 468	14	104	102	782	584	14	20	12	92	129	—	—	—	259	336	57.7					
15 to 19 percent	1 541	8	66	81	676	337	14	20	12	83	31	—	—	—	117	95	57.7					
20 to 24 percent	367	—	8	13	19	118	14	—	—	9	38	—	—	—	71	72	70.5					
25 to 29 percent	216	—	7	—	12	98	—	—	—	—	9	—	—	—	15	54	70.7					
30 to 34 percent	182	—	23	8	54	7	—	—	—	—	2	—	—	—	32	57	61.3					
35 percent or more	43	—	—	—	8	—	—	—	—	—	9	—	—	—	2	23	66.3					
Not computed	35	—	—	—	13	9	—	—	—	—	2	—	—	—	10	1	78.6					
Median	68	6	—	—	—	—	—	—	—	—	9	—	—	—	12	28	65.9					
16	16	10	10	10	10	10	12.5	10	10	10	13.8	—	—	10	10.9	14.9	67.5					
Total persons	5 838	563	795	327	318	56	728	755	155	165	116	511	400	138	333	478	29.6					
Renter-occupied housing units																						
PERSONS IN UNIT																						
1 person	2 440	—	—	—	—	—	332	469	121	133	109	309	228	70	216	453	32.6					
2 persons	1 735	304	257	50	146	56	327	199	16	5	7	126	104	39	74	25	28.4					
3 persons	766	135	167	87	55	—	45	65	18	23	—	66	41	10	34	—	26.6					
4 persons	553	98	219	95	72	—	17	10	—	—	—	10	13	9	—	—	31.4					
5 persons	233	16	98	52	39	—	7	—	—	4	—	—	8	—	—	—	33.9					
6 or more persons	111	10	24	43	6	—	—	12	—	—	—	—	6	—	—	—	35.5					
Median	1.78	2.43	3.21	3.78	2.74	2.00	1.60	1.30	1.14	1.12	1.03	1.33	1.38	1.49	1.27	1.03	35.5					
Total persons	11 607	1 411	2 394	1 281	892	120	1 150	1 136	194	238	111	719	647	316	469	529	45.1					
PLUMBING FACILITIES BY PERSONS PER ROOM																						
Complete plumbing for exclusive use	5 347	522	742	327	310	48	657	720	113	136	106	464	370	138	321	373	29.5					
1.01 or more persons per room	252	56	76	46	8	—	7	12	20	29	10	11	14	10	12	105	30.6					
Lacking complete plumbing for exclusive use	491	41	53	—	—	—	71	35	42	—	—	47	30	—	—	—	27.9					
1.01 or more persons per room	26	9	10	—	—	—	—	7	—	—	—	—	—	—	—	—	—					
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																						
Specified renter-occupied housing units																						
Less than 15 percent	5 813	563	795	307	318	56	728	755	155	165	116	511	400	138	328	478	29.6					
15 to 19 percent	934	124	72	63	87	6	86	188	50	46	31	47	52	10	37	35	29.8					
20 to 24 percent	1 016	93	147	34	95	—	124	170	50	15	29	77	48	20	57	57	30.0					
25 to 29 percent	793	80	163	52	25	—	105	133	45	39	—	36	25	15	26	29	29.8					
30 to 34 percent	644	100	62	36	20	6	103	96	—	—	—	54	74	7	37	56	27.0					
35 to 49 percent	460	41	64	33	11	15	69	40	—	—	—	7	52	33	60	64	29.9					
50 percent or more	773	71	137	31	42	—	86	39	—	9	24	13	80	36	40	52	27.9					
Not computed	975	54	134	37	—	19	134	61	—	41	19	167	69	45	54	141	30.6					
Median	218	—	16	21	38	10	21	28	10	15	15	17	6	5	24	24	45.3					
25.4	25.4	24.0	25.6	24.4	17.8	33.7	26.9	20.2	17.2	21.8	19.7	40.8	30.1	40.7	29.3	32.3	...					



Table B-11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Casper city	Total	Male householder						Female householder					
		Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over
Owner-occupied housing units	1 866	879	94	272	112	193	208	987	21	87	16	416	447
PLUMBING FACILITIES													
Complete plumbing for exclusive use	1 866	879	94	272	112	193	208	987	21	87	16	416	447
Lacking complete plumbing for exclusive use	-	-	-	-	-	-	-	-	-	-	-	-	-
UNITS IN STRUCTURE													
1, detached or attached	1 451	641	68	192	78	141	162	810	5	57	16	350	382
2 or more	240	142	14	44	15	37	32	98	-	5	-	35	58
Mobile home or trailer, etc.	175	96	12	36	19	15	14	79	16	25	-	31	7
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	276	56	-	-	-	12	44	220	8	5	10	34	163
\$5,000 to \$9,999	421	69	-	-	-	9	60	352	8	17	-	136	191
\$10,000 to \$12,499	236	114	21	36	-	29	28	122	5	29	-	69	19
\$12,500 to \$14,999	144	52	17	5	-	10	20	92	-	20	-	56	16
\$15,000 to \$19,999	256	143	13	26	21	51	32	113	-	11	6	57	39
\$20,000 to \$24,999	192	172	23	78	38	22	11	20	-	-	-	14	6
\$25,000 to \$34,999	235	207	13	93	33	55	13	28	-	5	-	16	7
\$35,000 to \$49,999	64	36	7	18	6	5	-	28	-	-	-	28	-
\$50,000 or more	42	30	-	16	14	-	-	12	-	-	-	6	6
Median	\$12 500	\$20 140	\$18 333	\$24 250	\$24 423	\$18 750	\$10 000	\$8 781	\$8 281	\$11 853	\$4 500	\$11 377	\$6 260
Mean	\$15 970	\$21 413	\$19 281	\$26 864	\$31 887	\$19 751	\$11 151	\$11 123	\$6 957	\$11 994	\$9 280	\$14 074	\$8 469
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
Specified owner-occupied housing units	1 375	622	61	186	78	141	156	753	5	51	16	335	346
With a mortgage	732	405	47	175	78	71	34	327	5	51	16	170	85
Less than \$200	158	39	5	-	-	18	16	119	-	6	-	76	37
\$200 to \$249	81	23	-	-	-	23	-	58	-	-	-	37	21
\$250 to \$299	51	39	-	16	10	-	13	12	-	5	-	7	-
\$300 to \$349	22	11	-	6	-	-	5	11	-	5	6	-	-
\$350 to \$399	56	18	7	-	11	-	-	38	-	12	10	8	8
\$400 to \$499	136	84	13	56	6	9	-	52	5	6	-	22	19
\$500 to \$599	124	106	7	58	31	10	-	18	-	12	-	6	-
\$600 to \$749	35	35	-	18	11	6	-	-	-	-	-	-	-
\$750 or more	69	50	15	21	9	5	-	19	-	5	-	14	-
Median	\$398	\$488	\$494	\$516	\$539	\$238	\$254	\$238	\$425	\$390	\$360	\$212	\$213
Not mortgaged	643	217	14	11	-	70	122	426	-	-	-	165	261
Less than \$50	6	6	-	-	-	-	6	-	-	-	-	-	-
\$50 to \$74	158	61	-	11	-	21	29	97	-	-	-	42	55
\$75 to \$99	252	78	-	-	-	25	53	174	-	-	-	53	121
\$100 to \$124	156	36	14	-	-	9	13	120	-	-	-	56	64
\$125 to \$149	46	31	-	-	-	15	16	15	-	-	-	8	7
\$150 to \$199	20	5	-	-	-	-	5	15	-	-	-	6	9
\$200 to \$249	5	-	-	-	-	-	-	5	-	-	-	-	5
\$250 or more	-	-	-	-	-	-	-	-	-	-	-	-	-
Median	\$91	\$88	\$113	\$63	-	\$89	\$87	\$92	-	-	-	\$94	\$91
SELECTED CHARACTERISTICS													
Median selected monthly owner costs as percentage of household income in 1979	19.0	19.0	23.8	24.4	22.1	11.7	15.3	19.0	45.0	36.5	50+	16.5	19.4
With a mortgage	24.6	23.8	27.0	25.1	22.1	19.3	18.5	28.1	45.0	36.5	50+	19.2	50+
Not mortgaged	12.6	10.0	12.5	10-	-	10-	14.0	13.9	-	-	-	11.3	16.1
Income in 1979 below poverty level	142	22	-	-	-	12	10	120	8	5	-	34	73
Percent below poverty level	7.6	2.5	-	-	-	6.2	4.8	12.2	38.1	5.7	-	8.2	16.3
Renter-occupied housing units	2 440	1 164	332	469	121	133	109	1 276	309	228	70	216	453
PLUMBING FACILITIES													
Complete plumbing for exclusive use	2 141	1 019	277	450	89	104	99	1 122	290	198	70	216	348
Lacking complete plumbing for exclusive use	299	145	55	19	32	29	10	154	19	30	-	-	105
UNITS IN STRUCTURE													
1, detached or attached	378	159	45	65	30	19	-	219	28	38	9	87	57
2	250	133	45	70	8	-	10	117	76	21	5	15	-
3 and 4	419	264	82	105	37	28	12	155	34	29	20	48	24
5 to 9	262	133	32	59	-	14	28	129	30	45	13	13	28
10 to 49	799	416	119	157	46	63	31	383	116	85	23	35	124
50 or more	317	59	9	13	-	9	28	258	10	10	-	18	220
Mobile home or trailer, etc.	15	-	-	-	-	-	-	15	15	-	-	-	-
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	672	195	59	55	10	41	30	477	98	28	8	58	285
\$5,000 to \$9,999	627	196	116	16	-	21	43	431	124	61	37	70	139
\$10,000 to \$12,499	240	112	39	73	-	-	-	128	37	47	13	10	21
\$12,500 to \$14,999	246	161	39	58	22	20	22	85	41	14	-	30	-
\$15,000 to \$19,999	259	165	35	98	27	5	-	94	-	54	12	20	8
\$20,000 to \$24,999	219	177	37	93	36	5	6	42	9	24	-	9	-
\$25,000 to \$34,999	93	82	7	55	9	11	-	11	-	-	-	11	-
\$35,000 to \$49,999	36	28	-	12	-	8	8	8	-	-	-	8	-
\$50,000 or more	48	48	-	9	17	22	-	-	-	-	-	-	-
Median	\$9 352	\$13 727	\$9 598	\$17 257	\$20 104	\$13 062	\$6 856	\$6 890	\$6 883	\$11 330	\$8 611	\$9 020	\$4 344
Mean	\$11 693	\$15 684	\$10 661	\$17 701	\$22 334	\$19 283	\$10 534	\$8 051	\$7 506	\$11 709	\$8 777	\$11 142	\$4 996
GROSS RENT													
Specified renter-occupied housing units	2 440	1 164	332	469	121	133	109	1 276	309	228	70	216	453
Less than \$100	233	40	-	-	-	9	31	193	9	18	-	31	135
\$100 to \$149	210	52	22	-	-	20	10	158	14	-	-	9	135
\$150 to \$199	356	170	40	85	9	13	23	186	56	39	17	34	40
\$200 to \$249	393	188	57	73	22	17	19	205	47	32	20	71	35
\$250 to \$299	419	218	69	91	39	13	6	201	84	69	15	9	24
\$300 to \$349	301	147	41	75	15	8	8	154	66	28	8	17	35
\$350 to \$399	256	154	22	90	8	22	12	102	20	42	-	22	18
\$400 to \$499	183	141	62	55	19	5	-	42	13	-	5	17	7
\$500 or more	39	39	19	-	9	11	-	-	-	-	-	-	-
No cash rent	50	15	-	-	-	15	-	35	-	-	5	6	24
Median	\$250	\$277	\$284	\$293	\$269	\$262	\$166	\$217	\$265	\$267	\$219	\$225	\$118
SELECTED CHARACTERISTICS													
Median gross rent as percentage of household income in 1979	28.5	23.2	34.4	21.1	18.7	21.1	30.3	34.3	46.1	29.1	41.5	29.8	32.9
Income in 1979 below poverty level	463	178	59	46	10	33	30	285	65	28	8	45	139
Percent below poverty level	19.0	15.3	17.8	9.8	8.3	24.8	27.5	22.3	21.0	12.3	11.4	20.8	30.7

Table B-12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Casper city					Casper city				
	Total	Less than 2 months	2 up to 6 months	6 or more months		Total	Less than 2 months	2 up to 6 months	6 or more months
Vacant for sale only housing units					Vacant for rent housing units				
<b>ROOMS</b>	330	159	103	68	<b>ROOMS</b>	621	473	105	43
1 to 3 rooms	—	—	—	—	1 room	—	—	—	—
4 rooms	39	28	11	—	2 rooms	—	—	—	—
5 rooms	67	43	24	—	3 rooms	43	43	—	—
6 rooms	101	43	43	15	4 rooms	96	54	42	—
7 rooms	101	23	25	53	5 rooms	206	151	46	9
8 or more rooms	22	22	—	—	6 rooms	219	202	17	—
Median	6.1	5.7	5.9	6.9	7 or more rooms	38	17	—	21
					Median	19	6	—	13
<b>PLUMBING FACILITIES</b>					<b>PLUMBING FACILITIES</b>	4.3	4.4	3.7	6.1
Complete plumbing for exclusive use	330	159	103	68	Complete plumbing for exclusive use	436	288	105	43
Lacking complete plumbing for exclusive use	—	—	—	—	Lacking complete plumbing for exclusive use	185	185	—	—
<b>BEDROOMS</b>					<b>BEDROOMS</b>				
None	—	—	—	—	None	14	14	—	—
1	11	—	11	—	1	117	117	—	—
2	35	35	—	—	2	439	312	105	22
3	167	59	77	31	3	51	30	—	21
4	117	65	15	37	4	—	—	—	—
5 or more	—	—	—	—	5 or more	—	—	—	—
<b>YEAR STRUCTURE BUILT</b>					<b>YEAR STRUCTURE BUILT</b>				
1975 to March 1980	153	58	57	38	1975 to March 1980	281	260	12	9
1970 to 1974	33	22	11	—	1970 to 1974	73	31	42	—
1960 to 1969	38	23	—	—	1960 to 1969	61	44	17	—
1950 to 1959	72	56	9	—	1950 to 1959	28	28	—	—
1940 to 1949	12	—	12	—	1940 to 1949	67	20	34	13
1939 or earlier	22	—	14	8	1939 or earlier	111	90	—	21
<b>UNITS IN STRUCTURE</b>					<b>UNITS IN STRUCTURE</b>				
1, detached or attached	307	159	103	45	1, detached or attached	62	32	17	13
2 or more	23	—	—	23	2	96	23	52	21
Mobile home or trailer	—	—	—	—	3 and 4	222	213	—	9
<b>HEATING EQUIPMENT</b>					5 to 9	35	35	—	—
Central heating system	323	152	103	68	10 to 49	75	75	—	—
Other means	7	7	—	—	50 or more	66	66	—	—
None	—	—	—	—	Mobile home or trailer	65	29	36	—
<b>PRICE ASKED</b>					<b>RENT ASKED</b>				
Specified vacant for sale only housing units	307	159	103	45	Specified vacant for rent housing units	621	473	105	43
Less than \$10,000	—	—	—	—	Less than \$100	40	22	18	—
\$10,000 to \$19,999	—	—	—	—	\$100 to \$149	27	27	—	—
\$20,000 to \$29,999	—	—	—	—	\$150 to \$199	7	7	—	—
\$30,000 to \$39,999	—	—	—	—	\$200 to \$249	66	66	—	—
\$40,000 to \$49,999	14	14	—	—	\$250 to \$299	41	7	34	—
\$50,000 to \$59,999	52	30	14	8	\$300 to \$399	375	304	41	30
\$60,000 to \$79,999	84	49	20	15	\$400 or more	65	40	12	13
\$80,000 to \$99,999	113	44	47	22	Median	\$347	\$353	\$301	\$353
\$100,000 or more	44	22	22	—					
Median	\$80 600	\$73 900	\$89 700	\$74 800					

Table B-13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Casper city								Casper city							
Price asked—Specified vacant for sale only housing units								Rent asked—Specified vacant for rent housing units							
Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)		Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	Median (dollars)	
<b>Total</b>	307	—	—	14	249	44	80 600	<b>Total</b>	621	40	34	107	375	65	347
<b>PLUMBING FACILITIES</b>								<b>PLUMBING FACILITIES</b>							
Complete plumbing for exclusive use	307	—	—	14	249	44	80 600	Complete plumbing for exclusive use	436	40	20	93	249	34	323
Lacking complete plumbing for exclusive use	—	—	—	—	—	—	—	Lacking complete plumbing for exclusive use	185	—	14	14	126	31	376
<b>BEDROOMS</b>								<b>BEDROOMS</b>							
None	—	—	—	—	—	—	—	None	14	—	—	14	—	—	213
1	11	—	—	—	—	—	—	1	117	—	13	28	76	—	320
2	35	—	—	14	21	—	72 500	2	439	40	7	65	271	56	360
3	144	—	—	—	137	7	84 000	3	51	—	14	—	28	9	321
4	117	—	—	—	80	37	90 200	4	—	—	—	—	—	—	—
5 or more	—	—	—	—	—	—	—	5 or more	—	—	—	—	—	—	—
<b>YEAR STRUCTURE BUILT</b>								<b>YEAR STRUCTURE BUILT</b>							
1975 to March 1980	137	—	—	—	115	22	92 000	1975 to March 1980	281	22	—	—	213	46	372
1970 to 1974	33	—	—	—	11	22	106 300	1970 to 1974	73	18	—	3	52	—	325
1960 to 1969	38	—	—	—	38	—	59 100	1960 to 1969	61	—	—	14	47	—	338
1950 to 1959	65	—	—	14	51	—	67 100	1950 to 1959	28	—	—	—	22	6	382
1940 to 1949	12	—	—	—	12	—	85 000	1940 to 1949	67	—	13	41	—	13	285
1939 or earlier	22	—	—	—	22	—	57 500	1939 or earlier	111	—	21	49	41	—	237
<b>UNITS IN STRUCTURE</b>								<b>UNITS IN STRUCTURE</b>							
1, detached or attached	307	—	—	14	249	44	80 600	1, detached or attached	62	—	13	3	24	22	374
2 or more	—	—	—	—	—	—	—	2 or more	494	40	21	90	312	31	351
Mobile home or trailer	—	—	—	—	—	—	—	Mobile home or trailer	65	—	—	14	39	12	324



Table D. **Percent of Housing Units in Sample: 1980**

[For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

**The SMSA  
Places of 50,000 or More and  
Central Cities of SMSA's**

**The SMSA -----**  
**PLACES OF 50,000 OR MORE AND CENTRAL**  
**CITIES OF SMSA's -----**  
**Casper city -----**

Housing units	
100-percent count	Percent in sample
28 493	13.9
20 259	13.1





## Appendix A.—Area Classifications

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### REGIONS

Regions are large groups of States that form the first-order subdivisions of the United States for census purposes. The four regions are the Northeast, North Central, South, and West.

### STATES

The 50 States and the District of Columbia are the constituent units of the United States.

### PLACES

Two types of places are recognized in the census reports—incorporated places and census designated places—as defined below. Places with a 1980 population below 50,000 are not shown in this report unless they are central cities of standard metropolitan statistical areas.

#### Incorporated Places

Incorporated places recognized in the reports of the census are those which are incorporated under the laws of their respective States as cities, boroughs, towns, and villages, with the following exceptions: boroughs in Alaska and New York, and towns in the six

New England States, New York, and Wisconsin.

#### Census Designated Places

As in the 1950, 1960, and 1970 censuses, the Census Bureau has delineated boundaries for closely settled population centers without corporate limits. In 1980, the name of each such place is followed by "(CDP)," meaning "census designated place." In the 1970 and earlier censuses, these places were identified by "(U)," meaning "unincorporated place."

Census designated place boundaries change with changes in the settlement pattern; a place which has the same name as in previous censuses does not necessarily have the same boundaries. Boundary outlines for CDP's appear on the county subdivision maps in the HC80-1-A, *General Housing Characteristics*, reports for States. Detailed maps are available for purchase from the Census Bureau.

Eleven states, (Connecticut, Maine, Massachusetts, Michigan, New Hampshire, New York, New Jersey, Pennsylvania, Rhode Island, Vermont, and Wisconsin), contain towns or townships which are coextensive with census designated places (CDP's). Data for these areas are not shown in the tables.

### STANDARD METROPOLITAN STATISTICAL AREAS

#### Definition

The general concept of a metropolitan area is one of a large population nucleus, together with adjacent communities which have a high degree of economic and social integration with that nucleus. The standard metropolitan statistical area (SMSA) classification is a statistical standard, developed for use by Federal agencies in the production, analysis, and publication of data on metropolitan areas. The SMSA's are designated and defined

by the Office of Management and Budget, following a set of official published standards developed by the interagency Federal Committee on Standard Metropolitan Statistical Areas.

Each SMSA has one or more central counties containing the area's main population concentration: an urbanized area with at least 50,000 inhabitants. An SMSA may also include outlying counties which have close economic and social relationships with the central counties. The outlying counties must have a specified level of commuting to the central counties and must also meet certain standards regarding metropolitan character, such as population density, urban population, and population growth. In New England, SMSA's are composed of cities and towns rather than whole counties.

The housing units in SMSA's may also be referred to as the metropolitan housing and are subdivided into "inside central city (or cities)" and "outside central city (or cities)." The housing units outside SMSA's constitute the non-metropolitan housing.

In the United States Summary report and the State reports, the data shown for "Central Cities of SMSA's" are the sum of all central cities excluding any rural area and any legal area that is outside of a standard metropolitan statistical area. In the individual SMSA reports, the data shown for central cities and places of 50,000 or more inhabitants are for the legal definition of the city without regard to urban or SMSA restrictions.

#### SMSA Titles

Each SMSA except one (Nassau-Suffolk, N.Y.) has at least one central city. The titles of SMSA's include up to three city names, as well as the name of each State into which the SMSA extends. For the 1980 census, central cities of SMSA's are those named in the titles of the SMSA's,

with the exception of Nassau-Suffolk, N.Y., which has no central city, and Northeast Pennsylvania, the central cities of which are Scranton, Wilkes-Barre, and Hazleton. Data on central cities of SMSA's include the entire population and housing within the legal city boundaries. In Hawaii where there are no incorporated places recognized by the Bureau of the Census, census designated places are recognized as central cities.

### New SMSA Standards

New standards for designating and defining metropolitan statistical areas were published in the *Federal Register* on January 3, 1980. The SMSA's recognized for the 1980 census comprise (1) all areas as defined on January 1, 1980, except for one area which was defined provisionally during the 1970's on the

basis of population estimates but whose qualification was not confirmed by 1980 census counts; and (2) a group of 36 new areas defined on the basis of 1980 census counts and the new standards that were published on January 3, 1980.

When the data on commuting flows become available from 1980 census tabulations, the new standards will be applied to the areas existing on January 1, 1980, and the boundaries, definitions, and titles for all SMSA's will be reviewed.

To aid users who want to become familiar with the SMSA standards and how they are applied, documents are available from the Office of Management and Budget, Washington, D.C. 20503.

### BOUNDARY CHANGES

The boundaries of some of the areas shown in this series of reports have

changed between an earlier census and January 1, 1980. Information on boundary changes for incorporated places is presented in table 4 of the 1980 Census of Population report, *Characteristics of the Population, Number of Inhabitants*, PC80-1-A. For information on boundary changes prior to 1970, see the *Number of Inhabitants* report for each census.

### AREA MEASUREMENT

Area measurement figures for standard metropolitan statistical areas, central cities, and places of 50,000 inhabitants or more can be found in the 1980 Census of Population report, PC80-1-A1, United States Summary.



Appendix B.—Definitions and Explanations of Subject Characteristics

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The 1980 census was conducted primarily through self-enumeration. The principal

determinant for the responses was, therefore, the questionnaire and its accompanying instruction guide. Furthermore, census takers were instructed, in their telephone and personal-visit interviews, to read the questions directly from the questionnaire. The definitions and explanations given below for each subject are drawn largely from various technical and procedural materials used in the collection of the data. These materials helped the census interviewers to understand more fully the intent of each question, and thus to resolve problems or unusual cases in a manner consistent with this intent. Also included is certain explanatory information to assist the user in the proper utilization of the statistics.

Facsimiles of the questionnaire pages containing the population and housing questions used to produce the data shown in this report and the pages of the respondent instruction guide which relate to these questions are presented in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages."

LIVING QUARTERS

Living quarters are classified in the census as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-family home, apartment house, hotel or motel, boarding house, mobile home or trailer). However, living quarters may also be in structures intended for non-residential use (e.g., the rooms in a warehouse where a night guard lives), as well as in boats, tents, vans, etc.

**Housing Units**—A housing unit is a house, an apartment, a group of rooms, or a single room occupied as a separate living quarters or, if vacant, intended for occupancy as a separate living quarters. Separate living quarters are those in which the occupants live and eat separately from



any other persons in the building and which have direct access from the outside of the building or through a common hall. The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements (except as described in the next section on Group Quarters). For vacant units, the criteria of separateness and direct access are applied to the intended occupants whenever possible. If that information cannot be obtained, the criteria are applied to the previous occupants. Both occupied and vacant housing units are included in the housing unit inventory except that boats, tents, vans, caves, and the like are included only if they are occupied as someone's usual place of residence. Vacant mobile homes are included, provided they are intended for occupancy on the site where they stand. Vacant mobile homes on dealers' sales lots, at the factory, or in storage are excluded from the housing inventory.

**Comparability With 1970 Census Housing Unit Data**—Although the 1980 census data are generally comparable with 1970 census data, certain changes were introduced for 1980. The part of the 1970 housing unit definition that required a unit to have either (1) direct access or (2) complete kitchen facilities was modified. For 1980, the complete kitchen facilities alternative was dropped, and direct access was required of all housing units. In 1970, vacant mobile homes were not counted as housing units. For 1980, they were included in the housing inventory provided they were intended for occupancy on the site where they stood.

**Group Quarters**—Group quarters are any living quarters which are not classified as housing units. There are two types of group quarters: (1) institutional group quarters, and (2) noninstitutional group quarters. Institutional group quarters are living quarters occupied by one or more persons under care or custody, such as children in an orphanage, persons in a nursing home, and prisoners in a penitentiary. Noninstitutional group quarters include living quarters such as college-owned and/or operated dormitories, fraternity and sorority houses, nurses' dormitories, and boarding houses. In addition, noninstitutional group quarters include any living

quarters (other than those classified as institutional group quarters) which are occupied by 9 or more persons unrelated to the householder (person listed in column 1 of the census questionnaire), or by 10 or more unrelated persons. Information on the housing characteristics of group quarters was not collected in the census.

**Comparability With 1970 Census Group Quarters Data**—In 1970 a unit was classified as group quarters if it was shared by the person in charge and five or more persons unrelated to him or her, or if there was no person in charge, by six or more unrelated persons. For 1980 that requirement was raised to 9 or more persons unrelated to the person listed in column 1 of the census questionnaire or 10 or more unrelated persons.

**Rules for Hotels, Rooming Houses, Etc.**—Occupied rooms or suites of rooms in hotels, motels, and similar places are classified as housing units only when occupied by permanent residents; i.e., persons who consider the hotel as their usual place of residence or who have no usual place of residence elsewhere. Vacant rooms or suites of rooms are classified as housing units only in those hotels in which 75 percent or more of the accommodations are occupied by permanent residents.

If any of the occupants in a rooming or boarding house live and eat separately from everyone else in the building and have direct access, their quarters are classified as separate housing units. The remaining quarters are combined. If the combined quarters contain eight or fewer roomers unrelated to the householder, they are classified as one housing unit. If the combined quarters contain nine or more roomers unrelated to the householder or person in charge, they are classified as group quarters.

**Staff Living Quarters**—The living quarters occupied by staff personnel within any group quarters are separate housing units if they satisfy the housing unit criteria of separateness and direct access; otherwise, they are considered as group quarters.

**Year-Round Housing Units**—Data on housing characteristics in the 1980 census reports are limited to year-round housing units; i.e., all occupied units plus vacant

units available or intended for year-round use. Vacant units intended for seasonal occupancy and vacant units held for migratory labor are excluded because of the difficulty of obtaining reliable data on their characteristics.

### OCCUPANCY AND VACANCY CHARACTERISTICS

**Occupied Housing Units**—A housing unit is classified as occupied if it is the usual place of residence of the person or group of persons living in it at the time of enumeration, or if the occupants are only temporarily absent; e.g., away on vacation. If all the persons staying in the unit at the time of the census have their usual place of residence elsewhere, the unit is classified as vacant. A household includes all the persons who occupy a housing unit as their usual place of residence. By definition, therefore, the number of occupied housing units equals the number of households in the 1980 Census of Population reports.

In this report the numbers shown for occupied housing units are estimates based on a sample. In some cases there may be small differences between figures on occupied housing units shown here and comparable figures on households in the Census of Population reports. These differences may result from processing procedures used to inflate the population and housing sample data.

**Householder**—One person in each household is designated as the "householder." In most cases, this is the person, or one of the persons, in whose name the home is owned or rented and who is listed in column 1 of the census questionnaire. If there is no such person in the household, any adult household member could be designated as the "householder."

**Child**—A child is a son, daughter, stepchild, or adopted child of the householder regardless of the child's age or marital status. The category excludes sons-in-law and daughters-in-law. In this report, those classified as "own children" are sons and daughters, including stepchildren and adopted children, of the householder who are single (never married) and under 18 years of age.



**Nonrelative**—A nonrelative is any person in the household not related to the householder by birth, marriage, or adoption. Roomers, boarders, partners, roommates, paid employees, wards, and foster children are classified as nonrelatives. This report shows the number of households with one or more nonrelatives present in the unit.

**Age of Householder**—The age classification is based on the age of the person in completed years as of April 1, 1980. The data on age represent the difference, as calculated in the computer, between date of birth and April 1, 1980.

**Household Type**—Statistics by age of householder are presented separately for the following household types:

*Married-couple families.* For each household of this type, the householder and his or her spouse are enumerated as members of the same household. This category includes couples in formal marriages as well as in common-law marriages.

*Male householder, no wife present.* This type includes any household maintained by a male, regardless of his marital status, provided no wife is present in the household. Included are male householders who have no wife; male householders whose wives live elsewhere because of separation (marital discord) or other reason; and male householders who are widowed, divorced, or single.

*Female householder, no husband present.* This type includes any household maintained by a female, regardless of her marital status, provided no husband is present in the household. Included are female householders who have no husband and female householders whose husbands live elsewhere, as, for example, husbands in the Armed Forces living on a military base and female householders who are widowed, divorced, or single.

This report presents data on selected characteristics for one-person households, separately for male and female householders.

**Year Householder Moved Into Unit**—Data presented for this item are based on the in-

formation reported for the householder and refer to the year of the latest move. If the householder moved back into a unit the person previously occupied, the year of the latest move was reported. If the householder moved from one apartment to another in the same building, the year the householder moved into the present apartment was reported. The intent is to establish the year the present occupancy by the householder began. The year in which a householder moved is not necessarily the same year as the year other members of the household moved, although in the majority of cases the entire household moved at the same time (see question H19 in appendix E).

**Vacant Housing Units**—A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. Units temporarily occupied at the time of enumeration entirely by persons who have a usual residence elsewhere are also classified as vacant.

New units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if they are open to the elements; i.e., the roof, walls, windows, and/or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or in the block) that the unit is to be demolished or is condemned. Also excluded are quarters being used entirely for nonresidential purposes, such as a store or an office, or quarters used for the storage of business supplies or inventory, machinery, or agricultural products.

**Vacancy Status**—The data on vacancy status were tabulated from responses to questionnaire item C (see item C in appendix E). The data presented in this report are for year-round housing units "Vacant for sale only" and "Vacant for rent."

*For sale only.* Vacant year-round units being offered "For sale only," including individual units in cooperatives and condominium projects if the individual units are offered "For sale only."

*For rent.* Vacant year-round units offered "For rent," and vacant units offered either for rent or for sale.

**Duration of Vacancy**—The statistics on duration of vacancy refer to the length of time (in months) from the date the last occupants moved from the unit to the date of enumeration (see item D in appendix E). The data, therefore, do not provide a direct measure of the total length of time units remain vacant. For newly constructed units which have never been occupied, the duration of vacancy is counted from the date construction was completed. For recently converted or merged units, the time is reported from the date conversion or merger was completed.

**Tenure**—A housing unit is "Owner occupied" if the owner or co-owner lives in the unit, even if it is mortgaged or not fully paid for. All other occupied units are classified as "Renter occupied," including units rented for cash rent and those occupied without payment of cash rent (see question H8 in appendix E).

**Condominium Housing Units**—A condominium involves ownership that enables a person to own an apartment or house in a development of similar units and to hold a common or joint ownership in common areas, hallways, entrances, elevators, etc. The owner has a deed to the individual unit, and, very likely, a mortgage on the unit. A condominium housing unit need not be occupied by the owner to be counted as such (see question H9 in appendix E).

**Comparability With 1970 Census Condominium Housing Unit Data**—In 1970, owner-occupied cooperatives and condominium housing units were identified together. The 1980 census identifies only condominium housing units. The 1980 question provides data on vacant and renter-occupied condominium housing units, not just owner-occupied condominium housing units as in 1970.

**Race of the Householder**—The data on race of the householder were derived from the answer to question 4, for the person listed in column 1 of the census questionnaire (see appendix E). The concept of race as used by the Census Bureau reflects self-identification by respondents; it does not denote any clear-cut scientific definition of biological stock. Since the 1980 census obtained information on race through self-identification, the data represent self-classification by people according



to the race with which they identify. In this report, data are presented for housing units classified by the race of the householder.

For persons who could not provide a single response to the race question, the race of the person's mother was used; if, however, a single response could not be provided for the person's mother, the first race reported by the person was used. This is a modification of the 1970 census procedure in which the race of the person's father was used.

The category "White" includes persons who indicated their race as White, as well as persons who did not classify themselves in one of the specific race categories listed on the questionnaire but entered a response such as Canadian, German, Italian, Lebanese, or Polish. In the 1980 census, persons who did not classify themselves in one of the specific race categories but marked "Other" and/or wrote in entries such as Cuban, Puerto Rican, Mexican, or Dominican were included in the "Other" race category. In the 1970 census, most of these persons were included in the "White" category.

The category "Black" includes persons who indicated their race as Black or Negro, as well as persons who did not classify themselves in one of the specific race categories listed in the questionnaire but reported entries such as Jamaican, Black Puerto Rican, West Indian, Haitian, or Nigerian.

The category "American Indian, Eskimo, or Aleut" includes persons who classified themselves as such in one of the specific race categories. In addition, persons who did not report themselves in one of the specific race categories but entered the name of an Indian tribe or wrote in such entries as Canadian Indian, French-American Indian, or Spanish-American Indian were classified as "American Indian."

The category "Asian or Pacific Islander" includes persons who indicated their race as Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, Hawaiian, Samoan, and Guamanian, as well as persons who provided write-in entries of Asian and Pacific Islander groups such as Cambodian, Laotian, Pakistani, or Fijian under the "Other" race category. Also, persons who did not classify themselves in one of the specific race categories but wrote in an entry indicating one of the nine specific categories listed above (e.g., Chinese or Filipino) were classified accordingly. For example, entries of Nipponese and

Japanese American were classified as Japanese, entries of Taiwanese and Cantonese as Chinese, etc. "Race, n.e.c." includes all other persons not in the categories "White," "Black," "American Indian, Eskimo, or Aleut," and "Asian or Pacific Islander." Persons reporting in the "Other" race category and providing write-in entries such as Eurasian, Cosmopolitan, Interracial, or a Spanish origin group (e.g., Mexican, Cuban, or Puerto Rican) were included in "Race, n.e.c."

If the race entry for the householder was missing on the questionnaire, an answer was assigned in the computer according to the reported entries of race of other household members using specific rules of precedence of household relationship. If race was not entered for anyone in the household (excluding paid employees), the race of a householder in a previously processed household was assigned. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

**Comparability Between Sample and 100-Percent Data for Race of the Householder**—Estimates of the number of householders by race shown in this report may differ from complete count figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and an additional edit and review performed on the sample questionnaires. Sampling variability and nonsampling error are explained in Appendix D, "Accuracy of the Data." The effect of the additional edit and review procedures varies substantially by racial group and geographic area but is generally negligible. A discussion of these procedures may be found in Series HC80-1-B, *Detailed Housing Characteristics*, and PC80-1-C, *Social and Economic Characteristics of the Population*.

**Comparability With 1970 Census Data on Race of the Householder**—Differences in census procedures and reporting by respondents in the 1980 census and 1970 census seriously affect the comparability for certain race groups. First, a large number of Spanish origin persons reported their race differently in the 1980 census than in the 1970 census. This difference in reporting has a substantial impact on the population totals and

comparability for the "White" population and the "Race, n.e.c." or "Other" race populations (shown as "All other races" in most 1970 publications). A much larger proportion of the Spanish origin population in 1980 than in 1970 reported their race in the questionnaire category "Other." Second, in 1970, most persons who marked the "Other" race category and wrote in a Spanish designation such as Mexican, Venezuelan, Latino, etc., were reclassified as "White." In 1980, such persons were not reclassified but remained in the "Other" race category. As a result of this procedural change and the differences in reporting by this population, the proportion of the Spanish origin population classified as "Other" race in the 1980 census was substantially higher than that in the 1970 census. Nationally in 1970, only 1 percent of the Spanish origin persons were classified as "Other" race and 93 percent as "White." The 1980 census sample data showed a much larger proportion—38 percent—of the Spanish origin persons reported their race as "Other" and only 58 percent reported "White." As a consequence of these differences, 1980 householder totals for "White" and "Race, n.e.c." are not comparable with corresponding 1970 figures.

The 1980 census was the first in which data were collected separately for Eskimos and Aleuts in all States. In 1970, these data were available only for Alaska. Since Eskimos and Aleuts are highly concentrated in Alaska, these changes do not seriously affect the comparability of 1980 and 1970 data for these racial groups at the national level.

The 1980 total for the Asian and Pacific Islander population reflects a high level of immigration during the 1970's as well as a number of changes in census procedures which were developed, in part, as a result of this high level of immigration. First, the number of Asian and Pacific Islander categories listed separately on the 1980 census questionnaire was expanded over that in 1970 to include four additional groups: Vietnamese, Asian Indian, Guamanian, and Samoan. Asian Indians were classified as "White" in 1970 but were included in the "Asian and Pacific Islander" category in 1980. The Vietnamese, Guamanian, and Samoan populations were included in the "Other" race



category in the 1970 census but were included in the "Asian and Pacific Islander" category in 1980. Second, "Other Asian and Pacific Islander" groups such as Cambodian, Laotian, Pakistani, and Fijian were identified and tabulated as Asian and Pacific Islander in sample tabulations in the 1980 census; in 1970, most of these groups were included in the "Other" race category.

In 1980, data were collected separately for Hawaiians and Koreans in all States, but in 1970 data for the two groups were not collected for Alaska. (On the 1970 census questionnaire used in Alaska, Eskimo and Aleut were substituted for these two categories.) Since the numbers of Hawaiians and Koreans were small in Alaska, this questionnaire change does not have a major impact on the comparability of the 1980 and 1970 data for Hawaiians and Koreans at the national level.

**Spanish/Hispanic Origin of the Householder**—The data on Spanish/Hispanic origin or descent of householder were derived from answers to question 7, for the person listed in column 1 of the census questionnaire (see appendix E).

Persons of Spanish/Hispanic origin or descent are those who reported either Mexican, Puerto Rican, Cuban, or other Spanish/Hispanic origin in question 7. Persons who reported "Other Spanish/Hispanic" origin are those whose origin is from Spain or the Spanish-speaking countries of Central or South America, or they are persons identifying their origin or descent as being Spanish, Spanish-American, Hispano, Latino, etc. Origin or descent can be regarded as the ancestry, nationality group, lineage, or country in which the person or person's parents or ancestors were born before their arrival in the United States. It is important to note that persons of Spanish origin may be of any race. In this report, data are presented for housing units classified by the Spanish origin of the householder.

Persons of more than one Spanish origin and persons of both a Spanish and another origin who were in doubt as to how to report a specific origin were classified according to the origin of the person's mother. If a single origin could not be provided for the person's mother, the first origin reported by the person was recorded.

If the householder failed to respond to the Spanish/Hispanic origin question, a response was assigned by computer in the

sample edit operation according to available related information such as ancestry and place of birth reported for the householder. If such information was not reported, origin was assigned from entries of other household members using specific rules of precedence of household relationship. If no origin was reported for any household member (excluding a paid employee), then an origin was assigned from another household with a householder of the same race. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

**Limitations of the Data on Householders of Spanish/Hispanic Origin**—A preliminary evaluation study of the reporting in the 1980 census item on Spanish origin indicated that there was misreporting in the Mexican origin category by White and Black persons in certain areas. The study results showed evidence that the misreporting occurred mainly in the South (excluding Texas), the Northeast (excluding the New York City area), and a few States in the North Central Region. Also, results based on available data suggest that the impact of potential misreporting of Mexican origin in the 1980 census is severe in those portions of the above-mentioned regions where the Spanish origin population is generally sparse. However, 1980 census data on the Mexican origin population or total Spanish origin population, at the national level, are not seriously affected by the reporting problem. For a more detailed discussion of the evaluation of the Spanish origin item, see the 1980 Population Census Supplementary reports, Series PC80-S1-7, "Persons of Spanish Origin by State: 1980."

**Comparability Between Sample and 100-Percent Data on Householders of Spanish/Hispanic Origin**—The data on

householders of Spanish origin shown in this report may differ from comparable figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and more extensive edit procedures performed for the Spanish origin item on the sample questionnaires. The data in this report are based on a sample, whereas certain other reports (e.g., the HC80-1-A series) present data based on 100-percent tabulations. Sample data are subject to sampling variability, as explained in Appendix D, "Accuracy of the Data."

Information now available indicates that, since the effects of the more extensive edit were generally limited, the 100-percent tabulations are usually the preferable source for data on householders of Spanish origin. That is, in the case of figures available for Spanish origin groups, both in this report and for corresponding areas in the HC80-1-A report, the latter source is usually the preferred one. In the case of distributions for subjects covered only on a sample basis (e.g., units in structure, mortgage status and selected monthly owner costs, gross rent, etc.), the sample figures are the only data available and should be used within the context of the sampling variability associated with them.

**Comparability With 1970 Census Data on Householders of Spanish Origin and Householders of Spanish Heritage**—The

1980 census figures on householders of Spanish origin are not directly comparable with the 1970 census data on householders of Spanish origin because of a number of factors; namely, overall improvements in the 1980 census, better coverage of the population, improved question design, and an effective public relations campaign by the Census Bureau with the assistance of national and community ethnic groups. These efforts at census improvements explain, in part, the large increase in the number of Hispanics over 1970. Also, these efforts undoubtedly resulted in the inclusion of a sizable but unknown number of persons of Spanish/Hispanic origin who are in the country in other than legal status.

In the 1980 census Spanish origin question, specific changes in design from the 1970 question included the placement of the category "No (not Spanish/Hispanic)" as the first category in that question. (The corresponding category appeared last in the 1970 question.) Also, the 1970 category "Central or South American" was deleted from the 1980 question because in 1970 some respondents misinterpreted the category. Furthermore, the designations "Mexican-American" and "Chicano" were added to the Spanish origin question in 1980. In the 1970 census, the question on Spanish origin was asked of only a 5-percent sample of the population; in the 1980 census, the Spanish origin question was asked of everyone in the Nation.

The 1970 Census *Metropolitan Housing Characteristics* reports present data on housing units occupied by householders of Spanish heritage. In the 1970 census, the



category Spanish heritage was created to consolidate data for Spanish ancestry persons in various parts of the United States. The Spanish heritage population, therefore, was specifically termed when reference was made to particular areas. For example, in five southwestern States (Arizona, California, Colorado, New Mexico, and Texas) the population of Spanish heritage was specified as the population of Spanish language or surname; in three mid-Atlantic States (New York, New Jersey, and Pennsylvania), as the population of Puerto Rican birth or parentage; and in the remaining 42 States and the District of Columbia, as the population of Spanish language. The information for the population of Spanish heritage was obtained from the 15-percent sample of the census questionnaires. Data for this group of householders are not comparable to the 1980 census data on householders of Spanish origin which were based only on responses to the specific census question on Spanish/Hispanic origin for the person listed in column 1 of the census questionnaire.

### UTILIZATION CHARACTERISTICS

**Persons**—All persons occupying the housing unit are included. These persons include not only occupants related to the householder but also any lodgers, roomers, boarders, partners, roommates, wards, foster children, and resident employees who share the living quarters of the householder. The data on "Persons in unit" show the number of housing units occupied by the specified number of persons. "Total persons" is the total number of persons living in the housing units in the particular category.

**Rooms**—The statistics on "Rooms" are in terms of the number of housing units with a specified number of rooms (see question H7 in appendix E). The intent of this question is to count the number of whole rooms used for living purposes. For each unit they include living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, enclosed porches suitable for year-round use, and lodger's rooms. Excluded are strip or pullman kitchens, bathrooms, open porches, balconies, halls, half-rooms, utility rooms, unfinished attics or basements, or other unfinished space used for storage. A partially divided room is a separate room only if there is a partition from floor to ceiling.

**Persons Per Room**—"Persons per room" is a derived measure obtained by dividing the

number of persons in each occupied housing unit by the number of rooms in the unit. The figures shown refer, therefore, to the number of occupied housing units having the specified ratio of persons per room.

**Bedrooms**—The number of "Bedrooms" in the unit is the count of rooms used mainly for sleeping, even if also used for other purposes. Rooms reserved for sleeping, such as guest rooms, even though used infrequently, are counted as bedrooms. On the other hand, rooms used mainly for other purposes, even though used also for sleeping, such as a living room with a sofa bed, are not considered bedrooms. A housing unit consisting of only one room, such as a one-room efficiency apartment, is classified, by definition, as having no bedroom (see question H24 in appendix E).

### STRUCTURAL CHARACTERISTICS

**Year Structure Built**—"Year structure built" refers to when the building was first constructed, not when it was remodeled, added to, or converted. For a houseboat or mobile home or trailer, the manufacturer's model year is assumed to be the year built. The figures shown in this report relate to the number of units in structures built during the specified periods and in existence at the time of enumeration (see question H18 in appendix E).

**Units in Structure**—A structure is a separate building that either has open space on all sides or is separated from other structures by dividing walls that extend from ground to roof. In the determination of the number of units in a structure, all housing units, both occupied and vacant, were counted. The statistics are presented for the number of housing units in structures of specified type and size, not for the number of residential buildings. The category "Mobile home or trailer, etc." includes mobile homes, trailers, boats, tents, vans, etc. (see question H13 in appendix E).

**Stories in Structure**—The count of stories (floors) in structure includes basements or attics if these contain finished rooms for living purposes (see question H14a in appendix E).

**Passenger Elevator**—Statistics on elevator in structure are presented for housing units in structures with four or more stories or floors. If the housing units in structures with four or

more stories have an elevator used only for freight, the units are not included in the category "With elevator" (see question H14b in appendix E).

### PLUMBING CHARACTERISTICS

**Plumbing Facilities**—The category "Complete plumbing for exclusive use" consists of units which have hot and cold piped water, a flush toilet, and a bathtub or shower inside the housing unit for the exclusive use of the occupants of the unit. "Lacking complete plumbing for exclusive use" includes those conditions when (1) all three specified plumbing facilities are present inside the unit, but are also used by another household; (2) some but not all the facilities are present; or (3) none of the three specified plumbing facilities is present (see question H6 in appendix E).

**Comparability With 1970 Census Plumbing Facilities Data**—In 1970, there were separate questions on the presence of hot and cold piped water, a bathtub or shower, and a flush toilet. For 1980, these three items were combined into a single question on plumbing facilities. In addition, the facilities must be inside the housing unit rather than inside the structure as in 1970.

### EQUIPMENT AND FUELS

**Heating Equipment**—Respondents were asked to report the type of heating equipment used as the primary source of heat for their housing unit. The categories shown in the report are: (1) steam or hot water system; (2) central warm-air furnace or electric heat pump; (3) other built-in electric units; (4) floor, wall, or pipeless furnace; and (5) other means. "Other means" includes room heaters with flue or vent that burn gas, oil, or kerosene; nonportable room heaters without flue or vent that burn gas, oil, or kerosene; and fireplaces, stoves, or portable room heaters of any kind that can be picked up and moved. A central heating system includes types (1) through (4) listed above. For vacant units which have had the heating equipment removed, the kind of equipment used by the previous occupants is considered to be the heating equipment for the unit (see question H20 in appendix E).

**Comparability With 1970 Census Heating Equipment Data**—In 1970, central



heat pumps were included as part of the category "Warm-air furnace" and individual room heat pumps were included in the category "Built-in electric units." In 1980, heat pumps have been combined and are included in this report in the category "Central warm-air furnace or electric heat pump."

**Air Conditioning**—"Air conditioning" is defined as the cooling of air by a refrigeration unit. It does not include evaporative coolers, fans, or blowers which are not connected to a refrigeration unit; however, it does include heat pumps. A central system is an installation which air conditions a number of rooms. In an apartment building, such a system may cool all apartments in the building, each apartment may have its own central system, or there may be several systems, each providing central air conditioning for a group of apartments. A system with individual room controls is a central system. A room unit is an individual air conditioner which is installed in a window or an outside wall and is generally intended to cool one room, although it may sometimes be used to cool more than one room (see question H27 in appendix E).

**Vehicles Available**—Data for this item refer to the number of households with vehicles available at home for the use of the members of the household. Included in this item are passenger cars, pickup trucks, small panel trucks of one-ton capacity or less, as well as station wagons, company cars, and taxicabs kept at home for use of household members. Cars rented or leased for 1 month or more; police and government cars kept at home; and company vans and trucks of 1-ton capacity or less are also included if kept at home and used for nonbusiness purposes. Dismantled cars, immobile cars used as a source of power for some piece of machinery, and cars, vans, and trucks kept at home but used only for business purposes are excluded. The statistics do not reflect the number of vehicles privately owned or the number of households owning vehicles (see questions H28 and H29 in appendix E).

**Comparability With 1970 Census Automobiles Available Data**—In 1970, only data on the number of households with automobiles which were owned or regularly used by members of the household were obtained. Taxicabs, pickups, or large trucks were not counted. In 1980, the data on automobiles available include taxicabs if kept at home for use of household members but exclude pickups or larger trucks. Separate

data were obtained in 1980 on the number of housing units with vans or trucks of 1-ton capacity or less kept at home for use of members of the household.

**Fuels Used for House Heating and Water Heating**—"Utility gas" is gas piped through underground pipes from a central system that serves the neighborhood. "Bottled, tank, or LP gas" is stored in tanks which are refilled or exchanged when empty. "Fuel oil, kerosene, etc." includes fuel oil, kerosene, gasoline, alcohol, and other combustible liquids. For data on house heating fuel, the category "Other" includes any other fuel such as purchased steam, coal dust, briquettes made of pitch and sawdust, waste materials such as corn cobs, etc. For data on water heating fuel, the category "Other" also includes coal or coke, and wood (see question H21 in appendix E).

### FINANCIAL CHARACTERISTICS

**Value**—Value is the respondent's estimate of how much the property (house and lot) would sell for, if it were for sale (see question H11 in appendix E).

Value is tabulated for certain kinds of housing units. Value statistics are presented for "Specified owner-occupied" housing units. These "specified" housing units include only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. The "Specified owner-occupied" universes are the same for the value tabulation and the mortgage status and selected monthly owner costs tabulation.

**Price Asked**—For vacant for sale only housing units, the price asked is the amount asked for the property at the time of enumeration. The statistics on price asked are shown for "Specified vacant for sale only" housing units, which include vacant for sale only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data also exclude condominium units and mobile homes.

**Mortgage Status and Selected Monthly Owner Costs**—The data are presented for "Specified owner-occupied" housing units. These "specified" housing units include only

one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. Separate distributions of owner costs are shown for units "With a mortgage" and for units "Not mortgaged." Selected monthly owner costs is the sum of payments for mortgages, deeds of trust, or similar debts on the property; real estate taxes; fire and hazard insurance on the property; utilities (electricity, gas, and water); and fuels (oil, coal, kerosene, wood, etc.) (see questions H30, H31, and H32 in appendix E).

### Mortgage Status and Selected Monthly Owner Costs as a Percentage of Household Income in 1979

—Selected monthly housing costs is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same owner-occupied units for which selected monthly owner costs was tabulated; thus, the statistics reflect the exclusion of certain owner-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units occupied by households that reported no income or a net loss comprise the category "Not computed."

**Rent**—The statistics on rent are tabulated for "Specified renter-occupied" housing units and for "Specified vacant for rent" housing units which include renter units except one-family houses on 10 or more acres. Respondents were asked to report rent only for the housing unit enumerated and to exclude any rent paid for additional units or for business premises. Renter units occupied without payment of cash rent are shown separately as "No cash rent" in the rent tabulations.

**Contract Rent.** "Contract rent" is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included (see question H12 in appendix E).

**Gross Rent.** The computed rent termed "Gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, and water) and fuels (oil, coal, kerosene, wood, etc.) if these are



## Appendix B.—Definitions and Explanations of Subject Characteristics

paid for by the renter (or paid for the renter by someone else) in addition to rent. Gross rent is intended to eliminate differentials which result from varying practices with respect to the inclusion of utilities and fuels as part of the rental payment. The estimated costs of water and fuels are reported on a yearly basis but are converted to monthly figures in the computation process (see questions H12 and H22 in appendix E).

*Rent Asked.* For "Specified vacant for rent" housing units, the rent asked is the amount asked for the rental of the unit at the time of enumeration.

**Gross Rent as a Percentage of Household Income in 1979**—Monthly gross rent is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same renter-occupied units for which gross rent was tabulated; thus, the statistics reflect the exclusion of certain renter-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units for which no cash rent is paid and units occupied by households that reported no income or a net loss comprise the category "Not computed."

**Household Income in 1979**—Household income is the sum of the money income of all persons 15 years old and over occupying the housing unit, including persons not related to the householder. Data on income are based on money income received in the calendar year 1979. Income is the algebraic sum of the amounts reported separately for wage and salary income; nonfarm net self-employment income; farm net self-employment income; interest, dividend, net rental or royalty income; Social Security or Railroad Retirement income; public assistance or welfare income; and all other income. The figures represent the amount of income received before deductions for personal income taxes, Social Security, bond purchases, union dues, medicare deductions, etc.

Receipts from the following sources were not included as income: money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income "in kind" from food stamps, public housing subsidies, medical care, employer's contributions for pensions, etc.; withdrawal of bank deposits; money borrowed; tax refunds; exchange of money between relatives living in the same household; gifts and lump-sum inheritances, insurance payments, and other types of lump-sum receipts.

Although the income statistics cover the calendar year 1979, the composition of households refers to the time of enumeration (April 1, 1980). However, the composition of most households was the same during 1979 as in April 1980. There may be differences between the data on household income in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.

**Median Income**—The median income values presented in this report are computed on the basis of more detailed income intervals than shown in the tables. Median income figures of \$30,000 or less are generally calculated using linear interpolation; all other median income amounts are derived through pareto interpolation.

**Comparability With 1970 Census Income Data**—In 1970, the statistics on income presented in Series HC80-2, *Metropolitan Housing Characteristics* reports related to the income of the family or primary individual occupying the housing unit; that is, the sum of the income of the head of the family and all other members of the family 14 years old and over or the income of the primary individual. Income of persons living in

the unit but not related to the head of household was not included. In 1980, the statistics on income relate to the income of the household; that is, the sum of the income of all persons 15 years old and over occupying a housing unit, including persons not related to the householder.

A discussion on comparability of income data from other sources including earlier censuses may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

**Poverty Status in 1979**—Households are classified below the poverty level when the total 1979 income of the family or of the non-family householder is below the appropriate poverty threshold. The income of persons living in the household who are unrelated to the householder is not considered when determining the poverty status of a household. The poverty thresholds vary depending upon three criteria: size of family, number of children, and age of the family householder or unrelated individual. The criteria used in the 1980 census differ slightly from those used in the 1970 census, which took into account the same three factors as well as sex of the family householder or unrelated individual and farm-nonfarm residence. In addition, for the 1980 census the thresholds by size of family were extended from seven or more persons to nine or more persons. The income cutoffs are updated each year to reflect the change in the Consumer Price Index. A more detailed explanation of the poverty definition may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

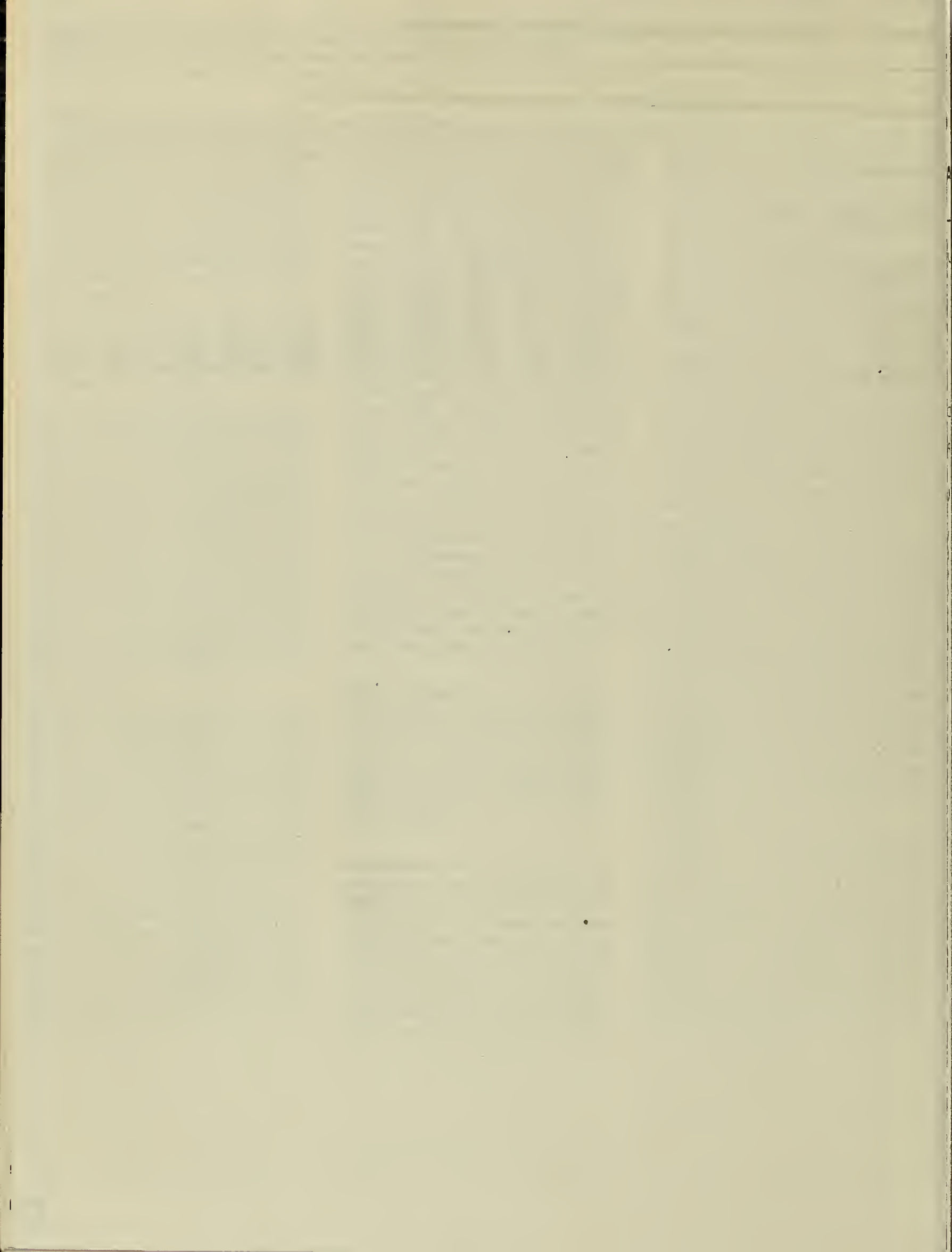
There may be slight differences between the data on poverty status in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.



Thresholds at the Poverty Level in 1979 by Size of Family and Number of Related Children Under 18 Years

(Figures in dollars. For meaning of symbols, see Introduction)

Size of Family Unit	Weighted average thresholds	Related children under 18 years								
		None	1	2	3	4	5	6	7	8 or more
1 person (unrelated individual).....	3,686	3,686	...	...	...	...	...	...	...	...
Under 65 years.....	3,774	3,774	...	...	...	...	...	...	...	...
65 years and over.....	3,479	3,479	...	...	...	...	...	...	...	...
2 persons.....	4,723	4,723	...	...	...	...	...	...	...	...
Householder under 65 years.....	4,876	4,858	5,000	...	...	...	...	...	...	...
Householder 65 years and over.....	4,389	4,385	4,981	...	...	...	...	...	...	...
3 persons.....	5,787	5,674	5,839	5,844	...	...	...	...	...	...
4 persons.....	7,412	7,482	7,605	7,356	7,382	...	...	...	...	...
5 persons.....	8,776	9,023	9,154	8,874	8,657	8,525	...	...	...	...
6 persons.....	9,915	10,378	10,419	10,205	9,999	9,693	9,512	...	...	...
7 persons.....	11,237	11,941	12,016	11,759	11,580	11,246	10,857	10,429	...	...
8 persons.....	12,484	13,356	13,473	13,231	13,018	12,717	12,334	11,936	11,835	...
9 or more persons.....	14,812	16,066	16,144	15,929	15,749	15,453	15,046	14,677	14,586	14,024





## Appendix C.—General Enumeration and Processing Procedures

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### USUAL PLACE OF RESIDENCE

In accordance with census practice dating back to the first U.S. census in 1790, each person enumerated in the 1980 census was counted as an inhabitant of his or her "usual place of residence," which is generally construed to mean the place where the person lives and sleeps most of the time. This place is not necessarily the same as the person's legal residence or voting residence. In the vast majority of cases, however, the use of these different bases of classification would produce substantially the same statistics, although there might be appreciable differences for a few areas.

The implementation of this practice has resulted in the establishment of residence rules for certain categories of persons whose usual place of residence is not immediately apparent. Furthermore, this practice means that persons were not always counted as residents of the place where they happened to be staying on Census Day (April 1). Persons without a usual place of residence, however, were counted where they happened to be staying.

#### Armed Forces

Members of the Armed Forces living on a military installation were counted, as in every previous census, as residents of the area in which the installation was located; members of the Armed Forces not living on a military installation were counted as residents of the area in which

they were living. Family members of Armed Forces personnel were counted where they were living on Census Day (i.e., with the Armed Forces personnel or at another location, as the case might be).

Each Navy ship was attributed to the municipality that the Department of the Navy designated as its homeport, except for those ships which were deployed to the 6th or 7th Fleet on Census Day. As was done in the 1970 census, naval personnel aboard deployed ships were defined in the 1980 census as part of the overseas population, because deployment to the 6th or 7th Fleet implies a long-term overseas assignment.

In homeports with fewer than 1,000 naval personnel assigned to ships, the crews were counted aboard the ship. In homeports with 1,000 or more naval personnel assigned to ships, the naval personnel who indicated that they had a usual residence within 50 miles of the homeport of their ship were attributed to that residence.

When a homeport designated by the Navy was contained in more than one municipality, ships homeported and berthed there on Census Day were assigned by the Bureau of the Census to the municipality in which the land immediately adjacent to the dock or pier was actually located. Other ships attributed by the Navy to that homeport, but which were not physically present and not deployed to the 6th or 7th Fleet on Census Day, were allocated to the municipality named on the Navy's homeport list.

#### Crews of Merchant Vessels

Shipboard Census Reports were mailed to crews of merchant vessels through the ships' respective owner-operators based on lists of U.S. flag merchant vessels obtained from the Maritime Administration, U.S. Department of Commerce.

If the ship was berthed in a U.S. port on Census Day, the crew was enumerated as of that port. If the ship was

not berthed in a U.S. port but was inside the territorial waters of the United States, the crew was enumerated as of (a) the port of destination if that port was inside the United States or (b) the homeport of the ship if its port of destination was outside the United States. Crews of U.S. flag vessels which were outside U.S. territorial waters on Census Day and crews of vessels flying a foreign flag were not enumerated in the 1980 census.

#### Persons Away at School

College students were counted as residents of the area in which they were living while attending college, as they have been since 1950. However, children in boarding schools below the college level were counted at their parental home.

#### Persons in Institutions

Inmates of institutions, who ordinarily live there for considerable periods of time, were counted as residents of the area where the institution was located. Patients in short-term wards (general, maternity, etc.) of hospitals were counted at their usual place of residence; if they had no usual place of residence, they were counted at the hospital.

#### Persons Away From Their Residence on Census Day

Persons in hotels, motels, etc., on the night of March 31, 1980, were requested to fill out a census form for assignment of their census information back to their homes if they indicated that no one was at home to report them in the census. A similar approach was used for persons visiting in private residences, as well as for Americans who left the United States during March 1980 via major intercontinental air or ship carriers for temporary travel abroad. In addition, information on persons away from their usual place of residence was obtained from other members of their families, resident managers, neighbors, etc. If an entire household was expected to be



away during the whole period of the enumeration, information on that household was obtained from neighbors. A matching process was used to eliminate duplicate reports for persons who reported for themselves while away from their usual residence and who were also reported at this usual residence by someone else.

A special enumeration was conducted in such facilities as missions, flophouses, jails, detention centers, etc., on the night of April 6, 1980, and persons enumerated therein were counted as residents of the area in which the establishment was located.

### Americans Abroad

Americans who were overseas for an extended period (in the Armed Forces, working at civilian jobs, studying in foreign universities, etc.) were not included in the population of any State or the District of Columbia. On the other hand, Americans who were temporarily abroad on vacations, business trips, and the like were counted at their usual residence in the United States.

### Citizens of Foreign Countries

Citizens of foreign countries having their usual residence (legally or illegally) in the United States on Census Day, including those working here (but not living at an embassy, ministry, legation, chancellery, or consulate) and those attending school (but not living at an embassy, etc.), were included in the enumeration, as were members of their families living with them. However, citizens of foreign countries temporarily visiting or traveling in the United States or living on the premises of an embassy, etc., were not enumerated in the 1980 census.

## DATA COLLECTION PROCEDURES

The 1980 census was conducted primarily through self-enumeration. A census questionnaire was delivered by postal carriers to every housing unit several days before Census Day, April 1, 1980. This questionnaire included explanatory information and was accompanied by an instruction guide. Spanish-language versions of the questionnaire and instruction guide were available on request. The questionnaire

was also available in narrative translation in 32 languages.

In most areas of the United States, altogether containing about 95 percent of the population, the householder was requested to fill out and mail back the questionnaire on Census Day. Approximately 83 percent of these households returned their forms by mail. Households that did not mail back a form and vacant housing units were visited by an enumerator. Households that returned a form with incomplete or inconsistent information that exceeded a specified tolerance were contacted by telephone or, if necessary, by a personal visit, to obtain the missing information.

In the remaining (mostly sparsely settled) area of the country, which contained about 5 percent of the population, the householder was requested to fill out the questionnaire and hold it until visited by an enumerator. Incomplete and unfilled forms were completed by interview during the enumerator's visit. Vacant units were enumerated by a personal visit and observation.

Each housing unit in the country received one of two versions of the census questionnaire: a short-form questionnaire containing a limited number of basic population and housing questions or a long-form questionnaire containing these basic questions as well as a number of additional questions. A sampling procedure was used to determine those units which were to receive the long-form questionnaire. Two sampling rates were employed. For most of the country, one in every six housing units (about 17 percent) received the long form or sample questionnaire; in counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 inhabitants, every other housing unit (50 percent) received the sample questionnaire to enhance the reliability of sample data in small areas.

Special questionnaires were used for the enumeration of persons in group quarters such as colleges and universities, hospitals, prisons, military installations, and ships. These forms contained the population questions but did not include any housing questions. In addition to the regular census questionnaires, the Supplementary Questionnaire for American Indians was used in conjunction with the short form on Federal and State reservations and in the historic areas of

Oklahoma (excluding urbanized areas) for households that had at least one American Indian, Eskimo, or Aleut household member.

## PROCESSING PROCEDURES

The 1980 census questionnaires were processed in a manner similar to that for the 1970 and 1960 censuses. They were designed to be processed electronically by the Film Optical Sensing Device for Input to Computer (FOSDIC). For most items on the questionnaire, the information supplied by the respondent or obtained by the enumerator was indicated by marking the answers in predesignated positions that would be "read" by FOSDIC from a microfilm copy of the questionnaire and transferred onto computer tape with no intervening manual processing. The computer tape did not include information on individual names and addresses.

The data processing was performed in two stages. For 100-percent data, all short forms, and pages 2 and 3 of the long forms (which have the same questions as the short form), were microfilmed, "read" by FOSDIC, and transferred onto computer tape for tabulation. For the sample data, the long form (or sample) questionnaires were processed through manual coding operations since some questions required the respondent to provide write-in entries which could not be read by FOSDIC. Census Bureau coders assigned alphabetical or numerical codes to the write-in answers in FOSDIC readable code boxes on each questionnaire. After all coding was completed, the long forms were microfilmed, and the film was "read" by FOSDIC and transferred onto computer tape.

The tape containing the information from the questionnaires was processed on the Census Bureau's computers through a number of editing and tabulation steps. Among the products of this operation were computer tapes from which the tables in this report (and most others in the 1980 census publications) were prepared on phototype-setting equipment at the Government Printing Office.

A more detailed description of the data collection and processing procedures can be obtained from the 1980 Census of Population and Housing, *Users' Guide*, PHC80-R1.



# Appendix D.—Accuracy of the Data

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## INTRODUCTION

The data presented in this publication are based on the 1980 census sample. The data are estimates of the actual figures that would have resulted from a complete count. Estimates can be expected to vary from the complete count result because they are subject to two basic types of error—sampling and nonsampling. The sampling error in the data arises from the selection of persons and housing units to be included in the sample. The nonsampling error is the result of all other errors that may occur during the collection and processing phases of the census. A more detailed discussion of both sampling and nonsampling error and a description of the estimation procedure are given in this appendix.

## SAMPLE DESIGN

While every person and housing unit in the 1980 census was enumerated on a

questionnaire that requested certain basic demographic information (e.g., age, number of rooms in living quarters, monthly rent), a sample of persons and housing units was enumerated on a questionnaire that requested additional information. The basic sampling unit for the 1980 census was the housing unit, including all occupants. For persons living in group quarters, the sampling unit was the person. Two sampling rates were employed. In counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 persons (based on precensus estimates), one-half of all housing units and persons in group quarters were to be included in the sample. In all other areas, one-sixth of the housing units or persons in group quarters were sampled. The purpose of this scheme was to provide relatively more reliable estimates for small areas. When both sampling rates were taken into account across the Nation, approximately 19 percent of the Nation's housing units were included in the census sample.

The sample designation method depended on the data collection procedures. In areas containing about 95 percent of the population the census was taken by the mailout/mailback procedure. For these areas, the Bureau of the Census either purchased a commercial mailing list which was updated and corrected by Census Bureau field staff, or prepared a mailing list by canvassing and listing each address in the area prior to Census Day. These lists were computerized, and every sixth unit (for 1-in-6 areas) or every second unit (for 1-in-2 areas) was designated as a sample unit by computer. Both of these lists were also corrected by the Post Office.

In non-mailout/mailback areas, a blank listing book with designated sample lines (every sixth or every second line) was prepared for the enumerator. Beginning about Census Day, the enumerator sys-

tematically canvassed the area and listed all housing units in the listing book in the order they were encountered. Completed questionnaires, including sample information for any housing unit which was listed on a designated sample line, were collected.

In both types of data collection procedure areas, an enumerator was responsible for a small geographic area known as an enumeration district, or ED. An ED usually represented the average workload area for one enumerator.

## ERRORS IN THE DATA

Since the data in this publication are based on a sample, they may differ somewhat from complete-count figures that would have been obtained if all housing units, persons within those housing units, and persons living in group quarters had been enumerated using the same questionnaires, instructions, enumerators, etc. The deviation of a sample estimate from the average of all possible samples is called the sampling error. The standard error of a survey estimate is a measure of the variation among the estimates from the possible samples and thus is a measure of the precision with which an estimate from a particular sample approximates the average result of all possible samples. The sample estimate and its estimated standard error permit the construction of interval estimates with prescribed confidence that the interval includes the average result of all possible samples. The method of calculating standard errors and confidence intervals for the data in this report is given below.

In addition to the variability which arises from the sampling procedures, both sample data and complete-count data are subject to nonsampling error. Nonsampling error may be introduced during each of the many extensive and complex



operations used to collect and process census data. For example, operations such as editing, reviewing, or handling questionnaires may introduce error into the data. A more detailed discussion of the sources of nonsampling error is given in the section on "Control of Nonsampling Error" in this appendix.

Nonsampling error may affect the data in two ways. Errors that are introduced randomly will increase the variability of the data and should therefore be reflected in the standard error. Errors that tend to be consistent in one direction will make both sample and complete-count data biased in that direction. For example, if respondents consistently tend to under-report their income, then the resulting counts of households or families by income category will be skewed toward the lower income categories. Such biases are not reflected in the standard error.

## Calculation of Standard Errors

**Totals and Percentages**—Tables A through D in this appendix contain the information necessary to calculate the standard errors of sample estimates in this report. In order to perform this calculation, it is necessary to know the unadjusted standard error for the characteristic, given in table A or B, that would result under a simple random sample design (of persons, families, or housing units) and estimation technique; the adjustment factor for the particular characteristic estimated, given in table C; and the number of housing units in the tabulation area and the percent of these in sample, given in table D. The adjustment factors reflect the effects of the actual sample design and complex ratio estimation procedure used for the 1980 census.

To calculate the approximate standard error of an estimate for a geographic area, follow the steps given below:

- Obtain the unadjusted standard error from table A or B (or from the formula given below the table) for the estimated total or percentage, respectively.
- Find the geographic area with which you are working in table D and obtain the housing unit "percent in sample" figure for this area.
- Use table C to obtain the factor for the characteristics (e.g., air-

conditioning, year structure built) and the range that contains the percent-in-sample with which you are working. Multiply the unadjusted standard error by this factor. If the estimate is a cross-tabulation of more than one characteristic, use the largest factor.

As is evident from the formula below tables A and B, the unadjusted standard errors of zero estimates or of very small estimated totals or percentages approach zero. This is also the case for very large percentages or estimated totals that are close to the size of the tabulation areas to which they correspond. These estimated totals and percentages are, nevertheless, still subject to sampling and nonsampling variability, and an estimated standard error of zero (or a very small standard error) is not appropriate.

For estimated percentages that are less than 2 or greater than 98, use the *unadjusted* standard errors in table B that appear in the "2 or 98" row. For an estimated total that is less than 50 or within 50 of the total size of the tabulation area, use an *unadjusted* standard error of 16.

An illustration of the use of the tables is given in a later section of this appendix.

**Differences**—The standard errors estimated from these tables are not directly applicable to differences between two sample estimates. In order to estimate the standard error of a difference the tables are to be used somewhat differently in the following three situations:

- For the difference between a sample estimate and a complete-count value, use the standard error of the sample estimate.
- For the difference between (or sum of) two sample estimates, the appropriate standard error is approximately the square root of the sum of the two individual standard errors squared; that is, for standard errors  $Se_x$  and  $Se_y$  of estimates  $x$  and  $y$ :

$$Se_{(x+y)} = Se_{(x-y)} = \sqrt{(Se_x)^2 + (Se_y)^2}$$

This method, however, will underestimate (overestimate) the standard error if the two items in a sum are highly positively (negatively)

correlated or if the two items in a difference are highly negatively (positively) correlated. This method may also be used for the difference between (or sum of) sample estimates from two censuses or between a census sample and another survey. The standard error for estimates not based on the 1980 census sample must be obtained from an appropriate source outside of this publication.

- For the difference between two estimates, one of which is a subclass of the other, use the tables directly where the calculated difference is the estimate of interest.

**Means**—The standard error of a mean depends upon the variability of the distribution on which the mean is based, the size of the sample, the sample design (e.g., the use of households as a sampling unit), and the estimation procedure used.

An approximation to the standard error of the mean may be obtained as follows: compute the variance of the distribution on which the mean is based; multiply this value by five and divide the product by the total count of units in the distribution; obtain the square root of this quotient and multiply the result by the adjustment factor from table C that is appropriate for the characteristic on which the mean is based.

**Medians**—For the standard error of a median of a characteristic, it is necessary to examine the distribution from which the median is derived, as the size of the base and the distribution itself affect the standard error. An approximate method is given here. As the first step, compute one-half of the number on which the median is based (refer to this result as  $N/2$ ). Treat  $N/2$  as if it were an ordinary estimate and obtain its standard error as instructed above using tables A, C, and D. Compute the desired confidence interval about  $N/2$ . Starting with the lowest value of the characteristic, cumulate the frequencies in each category of the characteristic until the sum equals or first exceeds the lower limit of the confidence interval about  $N/2$ . By linear interpolation, obtain a value of the characteristic corresponding to this sum. This is the lower limit of the confidence interval of the median. In a similar manner, cumulate frequencies starting from



the highest value of the characteristic until the sum equals or exceeds the count in excess of the upper limit of the interval about  $N/2$ . Interpolate as before to obtain the upper limit of the confidence interval for the estimated median.

Confidence Intervals

A sample estimate and its estimated standard error may be used to construct confidence intervals about the estimate. These intervals are ranges that will contain the average value of the estimated characteristic that results over all possible samples, with a known probability. For example, if all possible samples that could result under the 1980 census sample design were independently selected and surveyed under the same conditions, and if the estimate and its estimated standard error were calculated for each of these samples, then:

- (1) Approximately 68 percent of the intervals from one estimated standard error below the estimate to one estimated standard error above the estimate would contain the average result from all possible samples; and
- (2) Approximately 95 percent of the intervals from two estimated standard errors below the estimate to two estimated standard errors above the estimate would contain the average result from all possible samples.

The intervals are referred to as 68 percent and 95 percent confidence intervals, respectively.

The average value of the estimated characteristic that could be derived from all possible samples is or is not contained in any particular computed interval. Thus we cannot make the statement that the average value has a certain probability of falling between the limits of the calculated confidence interval. Rather, one can say with a specified probability or confidence that the calculated confidence interval includes the average estimate from all possible samples (approximately the complete count value).

Confidence intervals may also be constructed for the difference between two sample figures. This is done by computing the difference between these

figures, obtaining the standard error of the difference (using the formula given earlier), and then forming a confidence interval for this estimated difference as above. One can then say with specified confidence that this interval includes the difference that would have been obtained by averaging the results from all possible samples.

The estimated standard errors given in this report do not include all portions of the variability due to nonsampling error that may be present in the data. Thus, the standard errors calculated represent a lower bound of the total error. As a result, confidence intervals formed using these estimated standard errors may not meet the stated levels of confidence (i.e., 68 or 95 percent). Thus, some care must be exercised in the interpretation of the data in this publication based on the estimated standard errors.

For more information on confidence intervals and nonsampling error see any standard sampling theory text.

Use of Tables to Compute Standard Errors

See appendix D of any 1980 Census of Housing, HC-80-1-B, *Detailed Housing Characteristics* report, for examples showing the computation of standard errors and the formation of confidence intervals.

ESTIMATION PROCEDURE

The estimates which appear in this publication were obtained from an iterative ratio estimation procedure which resulted in the assignment of a weight to each sample person or housing unit record. For any given tabulation area, a characteristic total was estimated by summing the weights assigned to the persons or housing units in the tabulation area which possessed the characteristic. Estimates of family or household characteristics were based on the weights assigned to the family members designated as householders. Each sample person or housing unit record was assigned exactly one weight to be used to produce estimates of all characteristics. For example, if the weight given to a sample person or housing unit had the value five, all characteristics of that person or housing unit would be tabulated with a weight of

five. The estimation procedure, however, did assign weights which vary from person to person or housing unit to housing unit.

The estimation procedure used to assign the weights was performed in geographically defined "weighting areas." Weighting areas were generally formed of adjoining portions of geography, which closely agreed with census tabulation areas within counties. Weighting areas were required to have a minimum sample of 400 persons. Weighting areas were never allowed to cross state or county boundaries. In small counties with a sample count of less than 400 persons, the minimum required sample condition was relaxed to permit the entire county to become a weighting area.

Within a weighting area, the ratio estimation procedure for persons was performed in three stages. For persons, the first stage employed 17 household type groups. The second stage used two groups: householders and nonhouseholders. The third stage could potentially use 160 age-sex-race-Spanish origin groups. The stages were as follows:

PERSONS

Stage I—Type of Household

Group	Persons in Housing Units With a Family With Own Children Under 18
1	2 persons in housing unit
2	3 persons in housing unit
3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit
	Persons in Housing Units With a Family Without Own Children Under 18
6-10	2 persons in housing unit through 8 or more persons in housing unit
	Persons in All Other Housing Units
11	1 person in housing unit
12-16	2 persons in housing unit through 8 or more persons in housing unit
17	Persons in group quarters



Stage II—Householder/  
Nonhouseholder

Group	
1	Householder
2	Nonhouseholder (including persons in group quarters)

Stage III—Age/Sex/Race/Spanish  
Origin

Group	White Race
	<i>Persons of Spanish Origin</i>
	<i>Male</i>
1	0 to 4 years of age
2	5 to 14 years of age
3	15 to 19 years of age
4	20 to 24 years of age
5	25 to 34 years of age
6	35 to 44 years of age
7	45 to 64 years of age
8	65 years of age or older
	<i>Female</i>
9-16	Same age categories as groups 1 to 8
	<i>Persons Not of Spanish Origin</i>
17-32	Same age and sex categories as groups 1 to 16
	<i>Black Race</i>
33-64	Same age-sex-Spanish origin categories as groups 1 to 32
	<i>Asian, Pacific Islander Race</i>
65-96	Same age-sex-Spanish origin categories as groups 1 to 32
	<i>American Indian, Eskimo, or Aleut Race</i>
97-128	Same age-sex-Spanish origin categories as groups 1 to 32
	<i>Other Race (includes those races not listed above)</i>
129-160	Same age-sex-Spanish origin categories as groups 1 to 32

Within a weighting area, the first step in the estimation procedure was to assign each sample person record an initial weight. This weight was approximately equal to the inverse of the probability of selecting a person for the census sample.

The next step in the estimation procedure was to combine, if necessary, the groups in each of the three stages prior to the repeated ratio estimation in order to increase the reliability of the ratio estimation procedure.

For the first and second stages, any group that did not meet certain criteria concerning the unweighted sample count or the ratio of the complete count to the initially weighted sample count, was combined, or collapsed, with another group in the same stage according to a specified collapsing pattern. At the third stage, the "Other" race category was collapsed with the "White" race category before the above collapsing criteria as well as an additional criterion concerning the number of complete count persons in each category were applied.

As the final step, the initial weights underwent three stages of ratio adjustment which used the groups listed above. At the first stage, the ratio of the complete census count to the sum of the initial weights for each sample person was computed for each stage I group. The initial weight assigned to each person in a group was then multiplied by the stage I group ratio to produce an adjusted weight. In stage II, the stage I adjusted weights were again adjusted by the ratio of the complete census count to the sum of the stage I weights for sample persons in each stage II group. Finally, the stage II weights were adjusted at stage III by the ratio of the complete census count to the sum of the stage II weights for sample persons in each stage III group. The three stages of adjustment were performed twice (two iterations) in the order given above. The weights obtained from the second iteration for stage III were assigned to the sample person records. However, to avoid complications in rounding for tabulated data, only whole number weights were assigned. For example, if the final weight for the persons in a particular group was 7.2, then one-fifth of the sample persons in this group were randomly assigned a weight of 8 and the remaining four-fifths received a weight of 7.

Separate weights were derived for tabulating the place of work and migration data items. The weights were obtained by adjusting the weight derived above for persons on questionnaires selected for coding by the reciprocal of the ED coding rate and a ratio adjustment to ensure that the sum of the weights and the complete count total population figure would agree.

The ratio estimation procedure for

housing units was essentially the same as that for persons. The major difference was that the occupied housing unit ratio estimation procedure was done in two stages and the vacant housing unit ratio estimation procedure was done in one stage. The first stage for occupied housing units employed 16 household-type categories and the second stage could potentially use 190 tenure-race-Spanish origin-value/rent groups. For vacant housing units, three groups were utilized. The stages for the ratio estimation for housing units were as follows:

## OCCUPIED HOUSING UNITS

## Stage I—Type of Household

Group	Housing Units With a Family With Own Children Under 18
1	2 persons in housing unit
2	3 persons in housing unit
3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit
	<i>Housing Units With a Family Without Own Children Under 18</i>
6-10	2 persons in housing unit through 8 or more persons in housing unit
	<i>All Other Housing Units</i>
11	1 person in housing unit
12-16	2 persons in housing unit through 8 or more persons in housing unit

Stage II—Tenure/Race and Origin  
of Householder/Value or Rent

Group	Owner
	<i>White Race (householder)</i>
	<i>Persons of Spanish Origin (householder)</i>
	<i>Value of House</i>
1	\$0 to \$9,999
2	\$10,000 to \$19,999
3	\$20,000 to \$24,999
4	\$25,000 to \$49,999
5	\$50,000 to \$99,999
6	\$100,000 to \$149,999
7	\$150,000+
8	Other Owners
	<i>Persons Not of Spanish Origin</i>



4-16 Same value categories as groups 1 to 8

7-32 *Black Race*  
Same value—Spanish origin categories as groups 1 to 16

3-48 *Asian, Pacific Islander Race*  
Same value—Spanish origin categories as groups 1 to 16

9-64 *American Indian, Eskimo, or Aleut Race*  
Same value—Spanish origin categories as groups 1 to 16

5-80 *Other Race (includes those races not listed above)*  
Same value—Spanish origin categories as groups 1 to 16

*Renter*  
*White Race*  
*Persons of Spanish Origin*  
*Rent Categories*  
1 \$1 to \$59  
2 \$60 to \$99  
3 \$100 to \$149  
4 \$150 to \$199  
5 \$200 to \$249  
6 \$250 to \$299  
7 \$300 to \$399  
8 \$400 to \$499  
9 \$500+  
0 Other Renter  
1 No Cash Rent

*Persons not of Spanish origin*  
2-102 Same rent categories as groups 81 to 91

*Black Race*  
03-124 Same rent—Spanish origin categories as groups 81 to 102

*Asian, Pacific Islander Race*  
25-146 Same rent—Spanish origin categories as groups 81 to 102

*American Indian, Eskimo, or Aleut Race*  
47-168 Same rent—Spanish origin categories as groups 81 to 102

*Other Race (includes those races not listed above)*

169-190 Same rent—Spanish origin categories as groups 81 to 102

## VACANT HOUSING UNITS

### Group

1 *Vacant for Rent*  
2 *Vacant for Sale*  
3 *Other Vacant*

The estimates produced by this procedure realize some of the gains in sampling efficiency that would have resulted if the population had been stratified into the ratio estimation groups before sampling, and the sampling rate had been applied independently to each group. The net effect is a reduction in both the standard error and the possible bias of most estimated characteristics to levels below what would have resulted from simply using the initial (unadjusted) weight. A by-product of this estimation procedure is that the estimates from the sample will, for the most part, be consistent with the complete-count figures for the population and housing unit groups used in the estimation procedure.

## CONTROL OF NONSAMPLING ERROR

As mentioned above, nonsampling error is present in both sample and complete count data. If left unchecked, this error could introduce serious bias into the data, the variability of which could increase dramatically over that which would result purely from sampling. While it is impossible to completely eliminate nonsampling error from an operation as large and complex as the 1980 census, the Bureau of the Census attempted to control the sources of such error during the collection and processing operations. The primary sources of nonsampling error and the programs instituted for control of this error are described below. The success of these programs, however, was contingent upon how well the instructions were actually carried out during the census. To the extent possible, both the effects of these programs and the amount of error remaining after their application will be evaluated.

**Undercoverage**—It is possible for some persons or housing units to be entirely missed by the census. This undercoverage of persons and housing units can introduce biases into the data. Several extensive programs were developed to focus on this important problem.

- The Postal Service reviewed mailing lists and reported housing unit addresses which were missing, undeliverable, or duplicated in the listings.
- The purchased commercial mailing list was updated and corrected by a complete field review of the list of housing units during a prec canvass operation.
- A record check was performed to reduce the undercoverage of individual persons in selected areas. Independent lists of persons, such as driver's license holders, were matched with the household rosters in the census listings. Persons not matched to the census rosters were followed up and added to the census counts if they were found to have been missed.
- A recheck of units initially classified as vacant or nonexistent was utilized to further reduce the undercoverage of persons.

More extensive discussions of programs developed to reduce undercoverage will be published as the analyses of those programs are completed.

**Respondent and Enumerator Error**—The person answering the questionnaire or responding to the questions posed by an enumerator could serve as a source of error by offering incorrect or incomplete information. To reduce this source of error, questions were phrased as clearly as possible based on precensus tests and detailed instructions for completing the questionnaire were provided to each household. In addition, respondents' answers were edited for completeness and consistency and followed up as necessary. For example, if the source of water item was incomplete for a housing unit, long-form field edit procedures would recognize the situation, and a followup attempt to obtain the information would be made.

The enumerator may misinterpret or otherwise incorrectly record information given by a respondent; may fail to collect some of the information for a person or household; or may collect sample data for

households that were not designated as part of the sample. To control these problems, the work of enumerators was carefully monitored. Field staff were prepared for their tasks by using standardized training packages which included experience in using census materials. A sample of the households interviewed by enumerators for nonresponse was reinterviewed to control for the possibility of data for fabricated persons being submitted by enumerators. Also, the estimation procedure was designed to control for biases that would result from the collection of data from households not designated for the sample.

**Processing Error**—The many phases of processing the census represent potential sources for the introduction of nonsampling error. The processing of the census questionnaires includes the field editing, followup, and transmittal of completed questionnaires; the manual coding of write-in responses; and the electronic data processing. The various field, coding and computer operations undergo a number of quality control checks to insure their accurate application.

**Nonresponse**—Nonresponse to particular questions on the census questionnaire allows for the introduction of bias into the data, since the characteristics of the nonrespondents have not been observed and may differ from those reported by respondents. As a result, any allocation procedure using respondent data may not completely reflect this difference either at the element level (individual person or housing unit) or on the average. Some protection against the introduction of large biases is afforded by minimizing

nonresponse. In the census, nonresponse was substantially reduced during the field operations by the various edit and follow-up operations aimed at obtaining a response for every question. Characteristics for the nonresponses remaining after this operation were allocated by the computer using reported data for a person or housing unit with similar characteristics. The allocation procedure is described below.

### EDITING OF UNACCEPTABLE DATA

The objective of the processing operation is to produce a set of statistics that describes the nation's housing as accurately and clearly as possible. To meet this objective, certain unacceptable entries were edited.

In the field, questionnaires were reviewed for omissions and certain inconsistencies by a census clerk or an enumerator and, if necessary, a followup was made to obtain missing information. In addition, a similar review of questionnaires was done in the central processing offices. As a rule, however, editing was performed by hand only when it could not be done effectively by machine.

As one of the first steps in computerized editing, the configuration of marks on the questionnaire was scanned electronically to determine whether it contained information for a person or housing unit or merely spurious marks. If any characteristic for a housing unit was still missing when the questionnaires reached the central processing offices, it was supplied by allocation. Allocation, or assignments of acceptable codes in place of unacceptable entries, were

needed most often when an entry for a given item was lacking or when the information reported for a particular item was inconsistent with another item for the same housing unit. As in previous censuses, allocations or the assignment of acceptable entries were used to replace blanks or unacceptable entries. The allocation procedure was based on using information reported for another housing unit with characteristics similar to those of the housing unit for which allocation was necessary. For example, if the unit was reported as rented but the amount of rent was missing, the computer automatically assigned the rent that was reported for the preceding renter-occupied unit. The assignment of acceptable codes in place of blanks or unacceptable entries is designed to enhance the usefulness of the data.

Specific tolerances were established for the number of computer allocations that would be permitted. If the number of corrections was beyond tolerance, the questionnaires in which the errors occurred were clerically reviewed. If it was found that the errors resulted from damaged questionnaires, from improper microfilming, from faulty reading by FOSDIC of undamaged questionnaires, or from other types of machine failure, the questionnaires were reprocessed.

### ALLOCATION TABLES

The extent of allocations for nonresponses and inconsistencies for individual subject items is given for SMSA's and places in the 1980 Census of Population PC80-1-B and PC80-1-C reports and in the 1980 Census of Housing HC80-1-A and HC80-1-B reports.



Table A. Unadjusted Standard Errors for Estimated Totals

[Based on a 1-in-6 simple random sample]

Estimated Total <sup>1/</sup>	Size of publication area <sup>2/</sup>													
	500	1 000	2 500	5 000	10 000	25 000	50 000	100 000	250 000	500 000	1 000 000	5 000 000	10 000 000	25 000 000
50.....	16	16	16	16	16	16	16	16	16	16	16	16	16	16
100.....	20	21	22	22	22	22	22	22	22	22	22	22	22	22
250.....	25	30	35	35	35	35	35	35	35	35	35	35	35	35
500.....	-	35	45	45	50	50	50	50	50	50	50	50	50	50
1 000.....	-	-	55	65	65	70	70	70	70	70	70	70	70	70
2 500.....	-	-	-	80	95	110	110	110	110	110	110	110	110	110
5 000.....	-	-	-	-	110	140	150	150	160	160	160	160	160	160
10 000.....	-	-	-	-	-	170	200	210	220	220	220	220	220	220
15 000.....	-	-	-	-	-	170	230	250	270	270	270	270	270	270
25 000.....	-	-	-	-	-	-	250	310	340	350	350	350	350	350
75 000.....	-	-	-	-	-	-	-	310	510	570	590	610	610	610
100 000.....	-	-	-	-	-	-	-	-	550	630	670	700	700	710
250 000.....	-	-	-	-	-	-	-	-	-	790	970	1 090	1 100	1 100
500 000.....	-	-	-	-	-	-	-	-	-	-	1 120	1 500	1 540	1 570
1 000 000.....	-	-	-	-	-	-	-	-	-	-	-	2 000	2 120	2 190
5 000 000.....	-	-	-	-	-	-	-	-	-	-	-	-	3 540	4 470
10 000 000.....	-	-	-	-	-	-	-	-	-	-	-	-	-	5 480

<sup>1/</sup> For estimated totals larger than 10 000 000, the standard error is somewhat larger than the table values. The formula given below should be used to calculate the standard error.

$$Se(\hat{Y}) = \sqrt{5\hat{Y}(1-\frac{\hat{Y}}{N})}$$

N = Size of area

$\hat{Y}$  = Estimate of characteristic total

<sup>2/</sup> The total count of housing units in the area.

Table B. Unadjusted Standard Error in Percentage Points for Estimated Percentages

[Based on a 1-in-6 simple random sample]

Estimated Percentage	Base of percentage <sup>1/</sup>													
	500	750	1 000	1 500	2 500	5 000	7 500	10 000	25 000	50 000	100 000	250 000	500 000	
2 or 98.....	1.4	1.1	1.0	0.8	0.6	0.4	0.4	0.3	0.2	0.1	0.1	0.1	0.1	
5 or 95.....	2.2	1.8	1.5	1.3	1.0	0.7	0.6	0.5	0.3	0.2	0.2	0.1	0.1	
10 or 90.....	3.0	2.4	2.1	1.7	1.3	0.9	0.8	0.7	0.4	0.3	0.2	0.1	0.1	
15 or 85.....	3.6	2.9	2.5	2.1	1.6	1.1	0.9	0.8	0.5	0.4	0.3	0.2	0.1	
20 or 80.....	4.0	3.3	2.8	2.3	1.8	1.3	1.0	0.9	0.6	0.4	0.3	0.2	0.1	
25 or 75.....	4.3	3.5	3.1	2.5	1.9	1.4	1.1	1.0	0.6	0.4	0.3	0.2	0.1	
30 or 70.....	4.6	3.7	3.2	2.6	2.0	1.4	1.2	1.0	0.6	0.5	0.3	0.2	0.1	
35 or 65.....	4.8	3.9	3.4	2.8	2.1	1.5	1.2	1.1	0.7	0.5	0.3	0.2	0.2	
50.....	5.0	4.1	3.5	2.9	2.2	1.6	1.3	1.1	0.7	0.5	0.4	0.2	0.2	

<sup>1/</sup> For a percentage and/or base of percentage not shown in the table, the formula given below may be used to calculate the standard error.

$$Se(\hat{p}) = \sqrt{\frac{5}{B} \hat{p}(100-\hat{p})}$$

B = Base of estimated percentage

$\hat{p}$  = Estimated percentage

Table C. Standard Error Adjustment Factors

[Percent of persons or housing units in sample]

Characteristic	Less than 19 Percent	19 to 33 Percent	More than 33 Percent
Household type.....	1.1	0.9	0.5
Age and sex of householder.....	1.0	1.0	0.5
Occupancy status.....	1.2	0.9	0.5
Vacant price asked and vacant rent asked..	1.1	0.9	0.5
Tenure.....	1.1	1.0	0.5
Units in structure.....	1.1	0.9	0.5
Stories in structure.....	0.9	0.9	0.2
Passenger elevator.....	1.0	1.0	0.2
Persons in unit.....	1.1	1.0	0.5
Year structure built.....	1.1	0.9	0.5
Year householder moved into housing unit.....	1.1	0.9	0.5
Heating equipment and fuel.....	1.2	1.0	0.5
Number of bedrooms.....	1.1	1.0	0.5
Rooms.....	1.1	1.0	0.5
Telephone in housing unit.....	1.1	0.9	0.5
Air conditioning.....	1.3	1.0	0.6
Vehicles available.....	1.1	1.0	0.5
Gross rent and contract rent.....	1.1	1.0	0.5
Gross rent as a percentage of household income in 1979.....	1.1	0.9	0.5
Mortgage status and selected monthly owner costs.....	1.1	0.9	0.5
Household income.....	1.1	1.0	0.5
Poverty status: Housing.....	1.1	1.0	0.5
Existence of complete plumbing for exclusive use with 1.01 persons per room or more.....	1.1	1.0	0.5
Value.....	1.0	1.0	0.5



## Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

### INSTRUCTIONS FOR QUESTIONS 1 THROUGH 10

1. List in question 1 (on page 1), the names of all the people who usually live here. Then turn to pages 2 and 3 where there are columns to list up to seven persons. In the first column print the name of one of the household members in whose name this home is owned or rented. If no household member owns or rents the living quarters, list in the first column any adult household member who is not a roomer, boarder, or paid employee. Print the names of the other household members, if any, in the columns which follow, using question 1 as a checklist.
2. Fill a circle to show how each person is related to the person in column 1.  
  
A stepchild or legally adopted child of the person in column 1 should be marked **Son/daughter**. Foster children or wards living in the household should be marked **Roomer, boarder**.
3. Be sure to fill a circle for the sex of each person.
4. Fill the circle for the category with which the person most closely identifies. If you fill the **Indian (American)** or **Other** circle, be sure to print the name of the specific Indian tribe or specific group.
5. Enter age at last birthday in the space provided (enter "0" for babies less than one year old). Also enter month and year of birth, and fill the appropriate circles. For an illustration of how to complete question 5, see the example on pages 4 and 5. If age or month or year of birth is not known, give your best estimate.
6. If the person's only marriage was annulled, mark **Never married**.
7. A person is of Spanish/Hispanic origin or descent if the person *identifies* his or her ancestry with one of the listed groups, that is, Mexican, Puerto Rican, etc. Origin or descent (ancestry) may be viewed as the nationality group, the lineage, or country in which the person or the person's parents or ancestors were born.
8. Do not count enrollment in a trade or business school, company training, or tutoring unless the course would be accepted for credit at a regular elementary school, high school, or college. A *public* school is any school or college which is controlled and supported primarily by a local, county, State, or Federal Government.
9. Fill only one circle. Mark the highest grade *ever* attended even if the person did not finish it. If the person is still in school, mark the grade in which now enrolled. Schooling received in foreign or ungraded schools should be reported as the equivalent grade or year in the regular American school system. If uncertain whether a Head Start program is for nursery school or kindergarten, mark the circle for **Nursery school**.

If the person skipped or repeated grades, mark the highest grade ever attended regardless of how long it took to get there. Persons who did not attend any college but who completed high school by finishing the 12th grade or by passing an equivalency test, such as the

General Educational Development (GED) examination, should fill the circle for the 12th grade.

10. Mark **Finished this grade (or year)** only if the person finished the *entire* grade or year marked in question 9 or if the highest grade was completed by passing a high school equivalency test.

### INSTRUCTIONS FOR QUESTIONS H4 THROUGH H12

- H4. Mark only one circle. *This address* means the house or building number where your living quarters are located.
- H5. Mark the second circle only if you *must* go through someone else's living quarters to get to your own.
- H6. Consider that you have hot water even if you have it only part of the time.  
  
Mark **Yes**, but also used by another household if someone else who lives in the same building, but is not a member of your household, also uses the facilities. Mark this circle also if the occupants of living quarters now vacant would also use the facilities in your living quarters.
- H7. Count only whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do not count bathrooms, kitchenettes, strip or pullman kitchens, utility rooms, or unfinished attics, unfinished basements, or other space used for storage.
- H8. Mark **Owned or being bought** if the living quarters are owned outright or are mortgaged. Also mark **Owned or being bought** if the living quarters are owned but the land is rented.  
  
Mark **Rented for cash rent** if any money rent is paid. Rent may be paid by persons who are not members of your household.  
  
**Occupied without payment of cash rent** includes, for example, a parsonage, military housing, a house or apartment provided free of rent by the owner, or a house or apartment occupied by a janitor or caretaker in exchange for services.
- H9. A *condominium* is housing in which the apartments or houses in a development are individually owned, but the common areas, such as lobbies, halls, etc., are jointly owned. The person owning a condominium very likely has a mortgage on the particular unit.
- H10b. A *commercial establishment* is easily recognized from the outside, for example, a grocery store or barber shop. A *medical office* is a doctor's or dentist's office regularly visited by patients.
- H11. Include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the



land. If this is a condominium unit, enter the estimated value for your living quarters and your share of the common elements.

- H12. Report the rent agreed to or contracted for, even if the rent is unpaid or paid by someone else.

If rent is not paid by the month, change the rent to a monthly amount; and then fill the appropriate circle in question H12.

If rent is paid:	Multiply rent by:
By the day	30
By the week	4
Every other week	2

If rent is paid:	Divide rent by:
4 times a year	3
2 times a year	6
Once a year	12

### INSTRUCTIONS FOR QUESTIONS H13 THROUGH H20

- H13. Mark only one circle.

*Detached* means there is open space on all sides, or the house is joined only to a shed or garage. *Attached* means that the house is joined to another house or building by at least one wall which goes from ground to roof.

Mark **A** one-family house detached from any other house when a mobile home or trailer has had one or more rooms added or built onto it; a porch or shed is not considered a room.

Count all occupied and vacant living quarters in the house or building, but not stores or office space.

- H14a. Do not count unfinished basements or unfinished attics. However, a basement or attic with finished room(s) for living purposes should be counted as a story.

- H15a. A *city or suburban* lot is usually located in a city, a community, or any built-up area outside a city or community, and is not larger than the house and yard. All living quarters in apartment buildings, including garden-type apartments in the city or suburbs, are considered on a city or suburban lot.

A *place* is a farm, ranch, or any other property, other than a city or suburban lot, on which this *residence* is located.

- H16. If a well provides water for six or more houses or apartments, mark **A public system**. If a well provides water for five or fewer houses or apartments, mark one of the categories for *individual well*.

*Drilled wells*, or small diameter wells, are usually less than 1½ feet in diameter. *Dug wells* are generally hand dug and are wider.

- H17. A *public sewer* is operated by a government body or a private organization. A *septic tank or cesspool* is an underground tank or pit used for disposal of sewage.

- H19. The term *person in column 1* refers to the person listed in the first column on page 2. This person should be the household member (or one of the members) in whose name the house is owned or rented. If there is no such person, any adult household member can be the person in column 1. Mark when this person last moved into *this* house or apartment.

- H20. This question refers to the type of *heating equipment* and not to the fuel used.

An *electric heat pump* is sometimes known as a reverse cycle

system. It may be centrally installed with ducts to the rooms or individual heat pumps in the rooms.

A *floor, wall, or pipeless furnace* delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed and does not have ducts leading to other rooms.

Any heater that you plug into an electric outlet should be counted as a *portable room heater*.

### INSTRUCTIONS FOR QUESTIONS H21 THROUGH H32

- H21. *Gas from underground pipes* is piped in from a central system such as one operated by a public utility company or a municipal government. *Bottled, tank, or LP gas* is stored in tanks which are refilled or exchanged when empty. *Other fuel* includes any fuel not separately listed, for example, purchased steam, fuel briquettes, waste material, etc.

- H22. If your living quarters are rented, enter the costs for utilities and fuels only if you pay for them in addition to the rent entered in H12. If already included in rent, fill the appropriate circle.

The amounts to be reported should be for the past 12 months, that is, for electricity and gas, the monthly *average* for the past 12 months; for water and other fuels, the *total* amount for the past 12 months.

Estimate as closely as possible when exact costs are not known.

Report amounts even if your bills are unpaid or paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own living quarters. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket ( { ) the two utilities.

- H23. The kitchen sink, stove, and refrigerator must be located in the building but do *not* have to be in the same room. Portable cooking equipment is not considered as a range or cook stove.

- H26. Answer **Yes only** if the telephone is located *in* your living quarters.

- H27. Count only equipment used to cool the air by means of a refrigeration unit.

- H28—H29. Count company cars (including police cars and taxicabs) and company trucks that are regularly kept at home and used by household members. Do *not* count cars or trucks permanently out of working order.

- H30—H32. Do not answer these questions if you live in a cooperative, regardless of the number of units in the structure.

- H30. Report taxes for all taxing jurisdictions even if they are included in mortgage payment, not paid yet, paid by someone else, or are delinquent.

- H31. When premiums are paid on other than a yearly basis, convert to a yearly basis and enter the yearly amount, even if no payment was made during the past 12 months.

- H32a. The word "mortgage" is used as a general term to indicate all types of loans which are secured by real estate.



- b. A second or junior mortgage is also secured by real estate but has been made by the homeowner in addition to the first mortgage.
- c. Enter a monthly amount even if it is unpaid or paid by someone else. If the amount is paid on some other periodic basis, see instructions for H12 to change it to a monthly amount.

## INSTRUCTIONS FOR QUESTIONS 11 THROUGH 14

11. *For persons born in the United States:*

Print the name of the State in which this person's mother was living when this person was born. For persons born in a hospital, do not give the State in which the hospital was located unless the hospital and the mother's home were in the same State or the location of the mother's home is not known. For example, if a person was born in a hospital in Washington, D.C., but the mother's home was in Virginia at the time of the person's birth, enter "Virginia."

*For persons born outside the United States:*

Print the full name of the foreign country or Puerto Rico, Guam, etc., where the person was born. Use international boundaries as now recognized by the United States. Specify whether Northern Ireland or Ireland (Eire); East or West Germany; England, Scotland or Wales (*not* Great Britain or United Kingdom). Specify the particular island in the Caribbean, *not*, for example, West Indies.

- 12. This question is only for persons born in a foreign country. Fill the Yes, a naturalized citizen circle only if the person has *completed* the naturalization process and is now a citizen.

If the person has entered the U.S. more than once, fill the circle for the year he or she came to stay permanently.

- 13a. Mark No, only speaks English if the person always speaks English *at home*; then skip to question 14.

Mark Yes if the person speaks a language other than English *at home*. Do *not* mark Yes for a language spoken only at school or if speaking ability is limited to a few expressions or slang.

- b. Print the non-English language spoken *at home*. If this person speaks two or more non-English languages *at home* and cannot determine which is spoken most often, report the first language the person learned to speak.
- c. Fill the circle that best describes the person's *ability* to speak English.
  - (1) The circle Very well should be filled for persons who have no difficulty speaking English.
  - (2) The circle Well should be filled for persons who have only minor problems which do not seriously limit their ability to speak English.
  - (3) The circle Not well should be filled for persons who are seriously limited in their ability to speak English.
  - (4) The circle Not at all should be filled for persons who do not speak English at all.

- 14. Print the ancestry group with which the person *identifies*. Ancestry (or origin or descent) may be viewed as the nationality group, the lineage, or the country in which the person or the person's parents or ancestors were born before their arrival in the United States. Persons who are of more than one origin and who cannot identify with a single group should print their multiple ancestry (for example, German-Irish).

Be specific; for example, if ancestry is "Indian," specify whether American Indian, Asian Indian, or West Indian. Distinguish Cape Verdean from Portuguese, and French Canadian from Canadian.

A religious group should not be reported as a person's ancestry.

## INSTRUCTIONS FOR QUESTIONS 15 THROUGH 20

- 15a. Mark Yes, this house if this person lived in this same house or apartment on April 1, 1975, but moved away and came back between then and now. Mark No, different house if this person lived in the same building but in a different apartment (or in the same mobile home or trailer but on a different trailer site).

- b. If this person lived in a different house or apartment on April 1, 1975, give the location of this person's usual home at that time.

Part (1) If the person was living in the United States on April 1, 1975, print the name of the State. If the person did *not* live in the United States on April 1, 1975, print the full name of the foreign country or Puerto Rico, Guam, etc.

Part (2) If in Louisiana, print the parish name. If in Alaska, print the borough name. If in New York City — print the borough name if the county name is not known. If an independent city, leave blank.

Part (3) If in Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island or Vermont, print the name of the town rather than the name of the village or city, unless the name of the town is unknown.

Part (4) Mark Yes if you know that the location is *now* inside the limits of a city, town, village or other incorporated place, even if it was not inside the limits on April 1, 1975.

- 17a. Mark Yes only if this person was on *active* duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard. Mark No if the person was in the National Guard or the reserves.

- b. Mark Yes if the person was attending a college or university either full or part time and was enrolled for credit toward a degree. Mark No if the person was taking only non-credit courses or was attending a vocational or trade school, such as secretarial school.

- c. Mark Yes, full time if the person worked full time (35 hours or more per week). Mark Yes, part time if the person worked part time (less than 35 hours per week). Mark No if the person only did unpaid volunteer work, housework or yard work at own home, or if the only work done was as a resident of an institution.

- 18a. Mark Yes if this person was ever on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard, even if the time served was short. For persons in the National Guard or military reserve units, mark Yes *only* if the person was ever called to active duty; mark No if the only service was active duty for training.

- b. If this person served during more than one period, fill all circles which apply, even if service was for a short time.

- 19. The term "health condition" refers to any physical or mental problem which has lasted for 6 or more months. A serious problem with seeing, hearing, or speech should be considered a health condition. Pregnancy or a temporary health problem such as a broken bone that is expected to heal normally should *not* be considered a health condition.

- 20. Count all children born alive, including any who have died (even shortly after birth) or who no longer live with her.



### INSTRUCTIONS FOR QUESTIONS 21 THROUGH 26

21. If the exact date of marriage is not known, give your best estimate.
- 22a. Mark **Yes** if the person worked, either full or part time, on any day of last week (Sunday through Saturday).

Count as work:

Work for someone else for wages, salary, piece rate, commission, tips, or payments "in kind" (for example, food, lodging received as payment for work performed).

Work in own business, professional practice, or farm.

Any work in a family business or farm, paid or not.

Any part-time work including babysitting, paper routes, etc.

Active duty in Armed Forces.

Do not count as work:

Housework or yard work at home.

Unpaid volunteer work.

Work done as a resident of an institution.

- b. Give the *actual* number of hours worked at *all jobs last week*, even if that was more or fewer hours than usually worked.
23. If the person worked at several locations, but reported to the same location each day to begin work, print where he or she reported. If the person did not report to the same location each day to begin work, print the words "various locations" for 23a, and give as much information as possible in the remainder of 23 to identify the area in which he or she worked *most* last week.
- If the person's employer operates in more than one location (such as a grocery store chain or public school system), give the exact address of the location or branch where the person worked.
- If the person worked in a foreign country or Puerto Rico, Guam, etc., print the name of the country in 23e and leave the other parts of 23 blank.
- 24a. Travel time is from door to door. Include time taken waiting for public transportation, picking up passengers in carpools, etc.
- b. Mark **Worked at home** for a person who works on a farm where he or she lives, or in an office or shop in the person's home.
- c. If the person was driven to work by someone who then drove back home or to a non-work destination, mark **Drive alone**.
- d. Do not include riders who rode to school or some other non-work destination.
25. If the person works only during certain seasons or on a day-to-day basis when work is available, mark **No**.

- 26a. Mark **Yes** if the person tried to get a job or to start a business or professional practice at any time in the last *four* weeks; for example, registered at an employment office, went to a job interview, placed or answered ads, or did anything toward starting a business or professional practice.

- b. Mark **No**, already has a job if the person was on layoff or was expecting to report to a job within 30 days.

Mark **No**, temporarily ill if the person expects to be able to work within 30 days.

Mark **No**, other reasons if the person could not have taken a job because he or she was going to school, taking care of children, etc.

### INSTRUCTIONS FOR QUESTIONS 27 THROUGH 29

27. Look at the instructions for 22a to see what to count as work. Mark **Never worked** if the person: (1) never worked at any kind of job or business, either full or part time, (2) never did any work, with or without pay, in a family business or farm *and* (3) never served in the Armed Forces.

- 28a. If the person worked for a company, business, or government agency, print the name of the company, not the name of the person's supervisor. If the person worked for an individual or a business that has no company name, print the name of the individual worked for. If the person worked in his or her own business, print "self-employed."

- b. Print two or more words to tell what the business, industry, or individual employer named in 28a does. If there is more than one activity, describe only the major activity *at the place where the person works*. Enter what is made, what is sold, or what service is given.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

Unacceptable

Furniture company

Grocery store

Oil company

Ranch

Acceptable

Metal furniture manufacturing

Wholesale grocery store

Retail gas station

Cattle ranch

- c. Mark **Manufacturing** if the factory, plant, mill, etc., mostly makes things, even if it also sells them.

Mark **Wholesale trade** if the business mostly sells things to stores or other companies.

Mark **Retail trade** if the business mostly sells things (not services) to individuals.

Mark **Other** if the main activity of the employer is not making or selling things. Some examples of **Other** are farming, construction, and services such as those provided by hotels, dry cleaners, repair shops, schools, and banks.

- 29a. Print two or more words to describe the kind of work the person does. If the person is a trainee, apprentice, or helper, include that in the description.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

Unacceptable

Clerk

Helper

Mechanic

Nurse

Acceptable

Production clerk

Carpenter's helper

Auto engine mechanic

Registered nurse

- b. Print the most important things that the person does on the job. Some examples are shown on the census form.



INSTRUCTIONS FOR QUESTIONS 30 THROUGH 33

30. If the person was an employee of a *private* nonprofit organization, such as a church, fill the first circle:

Mark Local government employee for a teacher working in an elementary or secondary public school.

31a. Look at the instructions for question 22a to see what to count as work.

b. Count every week in which the person did any work at all, even for an hour.

c. If the hours worked each week varied considerably, give the best estimate of the hours usually worked most weeks.

d. Count every week in which the person did not work at all, but spent any time looking for work or on layoff from a job. *Looking for work* means trying to get a job or start a business or professional practice; *layoff* includes either temporary or indefinite layoff.

32. Fill the Yes or No circle for each part and enter the appropriate amount. If income from any source was received jointly by household members, report if possible, the appropriate share for each person; otherwise, report the whole amount for only one person and mark No for the other person, unless the other person has additional income of the same type.

a. Include sick leave pay. Do not include reimbursement for business

expenses and pay "in kind," (for example, food, lodging received as payment for work performed).

b. Include net earnings (gross earnings minus business expenses) from a nonfarm business. If business lost money, write "Loss" above the amount.

c. Include net earnings (gross receipts minus operating expenses) from a farm. If farm lost money, write "Loss" above the amount.

d. Include interest and dividends credited to the person's account (for example, from savings accounts and stock shares), net royalties, and net income from rental property.

e. Include Social Security or Railroad Retirement payments to retired persons, to dependents of deceased insured workers and to disabled workers.

f. Include public assistance or welfare payments received from Federal, State, or local agencies. Do not include private welfare payments.

g. Include all other regular payments, such as government employee retirement, union or private pensions and annuities; unemployment benefits; worker's compensation; Armed Forces allotments; private welfare payments; regular contributions from persons not living in the household; etc.

Do not include lump-sum payments received from the sale of property (capital gains), insurance policies, inheritances, etc.

33. If no income was received in 1979, fill the None circle. If total income was a loss, write "Loss" above the amount.

Please fill out this  
official Census Form  
and mail it back on  
Census Day,  
Tuesday, April 1, 1980

# 1980 Census of the United States

If the address shown below has the wrong apartment identification,  
please write the correct apartment number or location here:

DO	A1	A2	A4	A5	A6
				L	

## Your answers are confidential

By law (title 13, U.S. Code), census employees are subject to fine and/or imprisonment for any disclosure of your answers. Only after 72 years does your information become available to other government agencies or the public. The same law requires that you answer the questions to the best of your knowledge.

## Para personas de habla hispana

(For Spanish-speaking persons):  
SI USTED DESEA UN CUESTIONARIO DEL CENSO EN ESPAÑOL llame a la oficina del censo. El número de teléfono se encuentra en el encasillado de la dirección.

O, si prefiere, marque esta casilla ☐ y devuelva el cuestionario por correo en el sobre que se le incluye.

A message from the Director,  
Bureau of the Census . . .

We must, from time to time, take stock of ourselves as a people if our Nation is to meet successfully the many national and local challenges we face. This is the purpose of the 1980 census.

The essential need for a population census was recognized almost 200 years ago when our Constitution was written. As provided by article I, the first census was conducted in 1790 and one has been taken every 10 years since then.

The law under which the census is taken protects the confidentiality of your answers. For the next 72 years — or until April 1, 2052 — only sworn census workers have access to the individual records, and no one else may see them.

Your answers, when combined with the answers from other people, will provide the statistical figures needed by public and private groups, schools, business and industry, and Federal, State, and local governments across the country. These figures will help all sectors of American society understand how our population and housing are changing. In this way, we can deal more effectively with today's problems and work toward a better future for all of us.

The census is a vitally important national activity. Please do your part by filling out this census form accurately and completely. If you mail it back promptly in the enclosed postage-paid envelope, it will save the expense and inconvenience of a census taker having to visit you.

Thank you for your cooperation.



## How to fill out your Census Form

**See** the filled-out example in the yellow instruction guide. This guide will help with any problems you may have.

If you need more help, call the Census Office. The telephone number of the local office is shown at the bottom of the address box on the front cover.

**Use a black pencil to answer the questions. Black pencil is better to use than ballpoint or other pens.**

Fill circles "O" completely, like this ●

When you write in an answer, print or write clearly

**Make** sure that answers are provided for everyone here

See page 4 of the guide if a roomer or someone else in the household does not want to give you all the information for the form

**Answer** the questions on pages 1 through 5, and then starting with pages 6 and 7, fill a pair of pages for each person in the household.

Check your answers. Then write your name, the date, and telephone number on page 20.

**Mail back this form on Tuesday, April 1, or as soon afterward as you can. Use the enclosed envelope. no stamp is needed.**

Please start by answering Question 1 below

## Question 1

## List in Question 1

- Family members living here, including babies still in the hospital
- Relatives living here
- Lodgers or boarders living here
- Other persons living here
- College students who stay here while attending college, even if their parents live elsewhere
- Persons who usually live here but are temporarily away (including children in boarding school below the college level)
- Persons with a home elsewhere but who stay here most of the week while working

**Do Not List in Question 1**

- Any person away from here in the Armed Forces.
- Any college student who stays somewhere else while attending college.
- Any person who usually stays somewhere else most of the week while working there.
- Any person away from here in an institution such as a home for the aged or mental hospital.
- Any person staying or visiting here who has a usual home elsewhere.

**1. What is the name of each person who was living here on Tuesday, April 1, 1980, or who was staying or visiting here and had no other home?**

[illegible]

### Note

If everyone here is staying only temporarily and has a usual home elsewhere, please mark this box ☐.

Then please

- answer the questions on pages 2 through 5 only, and enter the address of your usual home on page 20.

**Please continue** →

Page 2

ALSO ANSWER THE HOUSING QUESTIONS ON PAGE 3

Here are the QUESTIONS ↓	These are the columns for ANSWERS → Please fill one column for each person listed in Question 1.	PERSON in column 1		PERSON in column 2	
		Last name	First name Middle initial	Last name	First name Middle initial
<b>2. How is this person related to the person in column 1?</b>  Fill one circle.  If "Other relative" of person in column 1, give exact relationship, such as mother-in-law, niece, grandson, etc.		<b>START</b> in this column with the household member (or one of the members) in whose name the home is owned or rented. If there is no such person, start in this column with any adult household member.		If relative of person in column 1: <input type="radio"/> Husband/wife <input type="radio"/> Father/mother <input type="radio"/> Son/daughter <input type="radio"/> Other relative <input type="radio"/> Brother/sister  If not related to person in column 1: <input type="radio"/> Roomer, boarder <input type="radio"/> Other nonrelative <input type="radio"/> Partner, roommate <input type="radio"/> Paid employee	
<b>3. Sex</b> Fill one circle.		<input type="radio"/> Male <input checked="" type="checkbox"/> <input type="radio"/> Female		<input type="radio"/> Male <input checked="" type="checkbox"/> <input type="radio"/> Female	
<b>4. Is this person —</b>  Fill one circle.		<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — Specify <input type="radio"/> Indian (Amer.) Print tribe →		<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — Specify <input type="radio"/> Indian (Amer.) Print tribe →	
<b>5. Age, and month and year of birth</b>  a. Print age at last birthday. b. Print month and fill one circle. c. Print year in the spaces, and fill one circle below each number.		a. Age at last birthday: 1    8    0    0 9    1    0    1 b. Month of birth: 1    2    3    4    5    6    7    8    9 <input type="radio"/> Jan.—Mar. <input type="radio"/> Apr.—June <input type="radio"/> July—Sept. <input type="radio"/> Oct.—Dec.		a. Age at last birthday: 1    8    0    0 9    1    0    1 b. Month of birth: 1    2    3    4    5    6    7    8    9 <input type="radio"/> Jan.—Mar. <input type="radio"/> Apr.—June <input type="radio"/> July—Sept. <input type="radio"/> Oct.—Dec.	
<b>6. Marital status</b> Fill one circle.		<input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced		<input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced	
<b>7. Is this person of Spanish/Hispanic origin or descent?</b>  Fill one circle.		<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic		<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic	
<b>8. Since February 1, 1980, has this person attended regular school or college at any time?</b> Fill one circle. Count nursery school, kindergarten, elementary school, and schooling which leads to a high school diploma or college degree.		<input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related		<input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related	
<b>9. What is the highest grade (or year) of regular school this person has ever attended?</b>  Fill one circle.  If now attending school, mark grade person is in. If high school was finished by equivalency test (GED), mark "12."		Highest grade attended: <input type="radio"/> Nursery school <input type="radio"/> Kindergarten Elementary through high school (grade or year) 1 2 3 4 5 6 7 8 9 10 11 12 <input type="radio"/> College (academic year) 1 2 3 4 5 6 7 8 or more <input type="radio"/> Never attended school — Skip question 10		Highest grade attended: <input type="radio"/> Nursery school <input type="radio"/> Kindergarten Elementary through high school (grade or year) 1 2 3 4 5 6 7 8 9 10 11 12 <input type="radio"/> College (academic year) 1 2 3 4 5 6 7 8 or more <input type="radio"/> Never attended school — Skip question 10	
<b>10. Did this person finish the highest grade (or year) attended?</b>  Fill one circle.		<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)		<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)	
		CENSUS USE ONLY    A. <input type="radio"/> I <input type="radio"/> N <input type="radio"/> O		CENSUS USE ONLY    A. <input type="radio"/> I <input type="radio"/> N <input type="radio"/> O	



**NOW PLEASE ANSWER QUESTIONS H1—H12  
FOR YOUR HOUSEHOLD**

**PERSON in column 7**

Last name \_\_\_\_\_ First name \_\_\_\_\_ Middle initial \_\_\_\_\_

If relative of person in column 1:

☐ Husband/wife ☐ Father/mother  
☐ Son/daughter ☐ Other relative  
☐ Brother/sister

If not related to person in column 1:

☐ Roomer, boarder ☐ Other nonrelative  
☐ Partner, roommate  
☐ Paid employee

☐ Male ☐ Female

☐ White ☐ Asian Indian  
☐ Black or Negro ☐ Hawaiian  
☐ Japanese ☐ Guamanian  
☐ Chinese ☐ Samoan  
☐ Filipino ☐ Eskimo  
☐ Korean ☐ Aleut  
☐ Vietnamese ☐ Other — Specify \_\_\_\_\_  
☐ Indian (Amer.)  
Print tribe → \_\_\_\_\_

a. Age at last birthday \_\_\_\_\_ c. Year of birth \_\_\_\_\_

1. Month of birth \_\_\_\_\_

☐ Jan.—Mar. ☐ Separated  
☐ Apr.—June ☐ Never married  
☐ July—Sept.  
☐ Oct.—Dec.

☐ No (not Spanish/Hispanic)  
☐ Yes, Mexican, Mexican-Amer., Chicano  
☐ Yes, Puerto Rican  
☐ Yes, Cuban  
☐ Yes, other Spanish/Hispanic

☐ No, has not attended since February 1  
☐ Yes, public school, public college  
☐ Yes, private, church-related  
☐ Yes, private, not church-related

Highest grade attended:

☐ Nursery school ☐ Kindergarten  
☐ Elementary through high school (grade or year) \_\_\_\_\_  
☐ College (academic year) \_\_\_\_\_  
☐ Never attended school—Skip question 10

☐ Now attending this grade (or year)  
☐ Finished this grade (or year)  
☐ Did not finish this grade (or year)

**CENSUS USE ONLY**

A. ☐ I ☐ N ☐ O

If you listed more than 7 persons in Question 1, please see note on page 20.

**H1. Did you leave anyone out of Question 1 because you were not sure if the person should be listed — for example, a new baby still in the hospital, a lodger who also has another home, or a person who stays here once in a while and has no other home?**

- ☐ Yes — On page 20 give name(s) and reason left out.  
☐ No

**H2. Did you list anyone in Question 1 who is away from home now — for example, on a vacation or in a hospital?**

- ☐ Yes — On page 20 give name(s) and reason person is away.  
☐ No

**H3. Is anyone visiting here who is not already listed?**

- ☐ Yes — On page 20 give name of each visitor for whom there is no one at the home address to report the person to a census taker.  
☐ No

**H4. How many living quarters, occupied and vacant, are at this address?**

- ☐ One  
☐ 2 apartments or living quarters  
☐ 3 apartments or living quarters  
☐ 4 apartments or living quarters  
☐ 5 apartments or living quarters  
☐ 6 apartments or living quarters  
☐ 7 apartments or living quarters  
☐ 8 apartments or living quarters  
☐ 9 apartments or living quarters  
☐ 10 or more apartments or living quarters  
☐ This is a mobile home or trailer

**H5. Do you enter your living quarters —**

- ☐ Directly from the outside or through a common or public hall?  
☐ Through someone else's living quarters?

**H6. Do you have complete plumbing facilities in your living quarters, that is, hot and cold piped water, a flush toilet, and a bathtub or shower?**

- ☐ Yes, for this household only  
☐ Yes, but also used by another household  
☐ No, have some but not all plumbing facilities  
☐ No plumbing facilities in living quarters

**H7. How many rooms do you have in your living quarters?**

Do not count bathrooms, porches, balconies, foyers, halls, or half-rooms.

- ☐ 1 room ☐ 4 rooms ☐ 7 rooms  
☐ 2 rooms ☐ 5 rooms ☐ 8 rooms  
☐ 3 rooms ☐ 6 rooms ☐ 9 or more rooms

**H8. Are your living quarters —**

- ☐ Owned or being bought by you or by someone else in this household?  
☐ Rented for cash rent?  
☐ Occupied without payment of cash rent?

**H9. Is this apartment (house) part of a condominium?**

- ☐ No  
☐ Yes, a condominium

**H10. If this is a one-family house —**

a. Is the house on a property of 10 or more acres?

- ☐ Yes ☐ No

b. Is any part of the property used as a commercial establishment or medical office?

- ☐ Yes ☐ No

**H11. If you live in a one-family house or a condominium unit which you own or are buying —**

What is the value of this property, that is, how much do you think this property (house and lot or condominium unit) would sell for if it were for sale?

Do not answer this question if this is —

- ☐ A mobile home or trailer  
☐ A house on 10 or more acres  
☐ A house with a commercial establishment or medical office on the property

- ☐ Less than \$10,000 ☐ \$50,000 to \$54,999  
☐ \$10,000 to \$14,999 ☐ \$55,000 to \$59,999  
☐ \$15,000 to \$17,499 ☐ \$60,000 to \$64,999  
☐ \$17,500 to \$19,999 ☐ \$65,000 to \$69,999  
☐ \$20,000 to \$22,499 ☐ \$70,000 to \$74,999  
☐ \$22,500 to \$24,999 ☐ \$75,000 to \$79,999  
☐ \$25,000 to \$27,499 ☐ \$80,000 to \$89,999  
☐ \$27,500 to \$29,999 ☐ \$90,000 to \$99,999  
☐ \$30,000 to \$34,999 ☐ \$100,000 to \$124,999  
☐ \$35,000 to \$39,999 ☐ \$125,000 to \$149,999  
☐ \$40,000 to \$44,999 ☐ \$150,000 to \$199,999  
☐ \$45,000 to \$49,999 ☐ \$200,000 or more

**H12. If you pay rent for your living quarters —**  
What is the monthly rent?

If rent is not paid by the month, see the instruction guide on how to figure a monthly rent.

- ☐ Less than \$50 ☐ \$160 to \$169  
☐ \$50 to \$59 ☐ \$170 to \$179  
☐ \$60 to \$69 ☐ \$180 to \$189  
☐ \$70 to \$79 ☐ \$190 to \$199  
☐ \$80 to \$89 ☐ \$200 to \$224  
☐ \$90 to \$99 ☐ \$225 to \$249  
☐ \$100 to \$109 ☐ \$250 to \$274  
☐ \$110 to \$119 ☐ \$275 to \$299  
☐ \$120 to \$129 ☐ \$300 to \$349  
☐ \$130 to \$139 ☐ \$350 to \$399  
☐ \$140 to \$149 ☐ \$400 to \$499  
☐ \$150 to \$159 ☐ \$500 or more

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A4. Block number	A6. Serial number	B. Type of unit or quarters	C. For vacant units	D. Months vacant	F. Total persons
		<b>Occupied</b>	<b>C1. Is this unit for —</b>	<input type="radio"/> Less than 1 month	
		<input type="radio"/> First form	<input type="radio"/> Year round use	<input type="radio"/> 1 up to 2 months	
		<input type="radio"/> Continuation	<input type="radio"/> Seasonal/Mig. — Skip C2, C3, and D.	<input type="radio"/> 2 up to 6 months	
		<b>Vacant</b>	<b>C2. Vacancy status</b>	<input type="radio"/> 6 up to 12 months	
		<input type="radio"/> Regular	<input type="radio"/> For rent	<input type="radio"/> 1 year up to 2 years	
		<input type="radio"/> Usual home elsewhere	<input type="radio"/> For sale only	<input type="radio"/> 2 or more years	
		<b>Group quarters</b>	<input type="radio"/> Rented or sold, not occupied		
		<input type="radio"/> First form	<input type="radio"/> Held for occasional use		
		<input type="radio"/> Continuation	<input type="radio"/> Other vacant		
			<b>C3. Is this unit boarded up?</b>		
			<input type="radio"/> Yes <input type="radio"/> No		
				<b>E. Indicators</b>	
				1. <input type="radio"/> Mail return	
				2. <input type="radio"/> Pop./F	



<b>H13. Which best describes this building?</b> <i>Include all apartments, flats, etc., even if vacant.</i> <ul style="list-style-type: none"> <li><input type="radio"/> A mobile home or trailer</li> <li><input type="radio"/> A one-family house detached from any other house</li> <li><input type="radio"/> A one-family house attached to one or more houses</li> <li><input type="radio"/> A building for 2 families</li> <li><input type="radio"/> A building for 3 or 4 families</li> <li><input type="radio"/> A building for 5 to 9 families</li> <li><input type="radio"/> A building for 10 to 19 families</li> <li><input type="radio"/> A building for 20 to 49 families</li> <li><input type="radio"/> A building for 50 or more families</li> <li><input type="radio"/> A boat, tent, van, etc.</li> </ul>	<b>H21 a. Which fuel is used most for house heating?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Gas: from underground pipes serving the neighborhood</li> <li><input type="radio"/> Gas: bottled, tank, or LP</li> <li><input type="radio"/> Electricity</li> <li><input type="radio"/> Fuel oil, kerosene, etc.</li> <li><input type="radio"/> Coal or coke</li> <li><input type="radio"/> Wood</li> <li><input type="radio"/> Other fuel</li> <li><input type="radio"/> No fuel used</li> </ul>	<b>CENSUS USE</b>
<b>H14a. How many stories (floors) are in this building?</b> <i>Count an attic or basement as a story if it has any finished rooms for living purposes.</i> <ul style="list-style-type: none"> <li><input type="radio"/> 1 to 3 — Skip to H15</li> <li><input type="radio"/> 4 to 6</li> <li><input type="radio"/> 7 to 12</li> <li><input type="radio"/> 13 or more stories</li> </ul>	<b>b. Which fuel is used most for water heating?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Gas: from underground pipes serving the neighborhood</li> <li><input type="radio"/> Gas: bottled, tank, or LP</li> <li><input type="radio"/> Electricity</li> <li><input type="radio"/> Fuel oil, kerosene, etc.</li> <li><input type="radio"/> Coal or coke</li> <li><input type="radio"/> Wood</li> <li><input type="radio"/> Other fuel</li> <li><input type="radio"/> No fuel used</li> </ul>	<b>H22a.</b> <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9
<b>b. Is there a passenger elevator in this building?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Yes</li> <li><input type="radio"/> No</li> </ul>	<b>c. Which fuel is used most for cooking?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Gas: from underground pipes serving the neighborhood</li> <li><input type="radio"/> Gas: bottled, tank, or LP</li> <li><input type="radio"/> Electricity</li> <li><input type="radio"/> Fuel oil, kerosene, etc.</li> <li><input type="radio"/> Coal or coke</li> <li><input type="radio"/> Wood</li> <li><input type="radio"/> Other fuel</li> <li><input type="radio"/> No fuel used</li> </ul>	<b>H22b.</b> <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9
<b>H15a. Is this building —</b> <ul style="list-style-type: none"> <li><input type="radio"/> On a city or suburban lot, or on a place of less than 1 acre? — Skip to H16</li> <li><input type="radio"/> On a place of 1 to 9 acres?</li> <li><input type="radio"/> On a place of 10 or more acres?</li> </ul> <b>b. Last year, 1979, did sales of crops, livestock, and other farm products from this place amount to —</b> <ul style="list-style-type: none"> <li><input type="radio"/> Less than \$50 (or None)</li> <li><input type="radio"/> \$50 to \$249</li> <li><input type="radio"/> \$250 to \$599</li> <li><input type="radio"/> \$600 to \$999</li> <li><input type="radio"/> \$1,000 to \$2,499</li> <li><input type="radio"/> \$2,500 or more</li> </ul>	<b>H22. What are the costs of utilities and fuels for your living quarters?</b> <b>a. Electricity</b> \$ _____ .00 OR <input type="radio"/> Included in rent or no charge <i>Average monthly cost</i> <input type="radio"/> Electricity not used	<b>H22c.</b> <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9
<b>H16. Do you get water from —</b> <ul style="list-style-type: none"> <li><input type="radio"/> A public system (city water department, etc.) or private company?</li> <li><input type="radio"/> An individual drilled well?</li> <li><input type="radio"/> An individual dug well?</li> <li><input type="radio"/> Some other source (a spring, creek, river, cistern, etc.)?</li> </ul>	<b>b. Gas</b> \$ _____ .00 OR <input type="radio"/> Included in rent or no charge <i>Average monthly cost</i> <input type="radio"/> Gas not used	<b>H22d.</b> <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9
<b>H17. Is this building connected to a public sewer?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Yes, connected to public sewer</li> <li><input type="radio"/> No, connected to septic tank or cesspool</li> <li><input type="radio"/> No, use other means</li> </ul>	<b>c. Water</b> \$ _____ .00 OR <input type="radio"/> Included in rent or no charge <i>Yearly cost</i>	<input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9
<b>H18. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</b> <ul style="list-style-type: none"> <li><input type="radio"/> 1979 or 1980</li> <li><input type="radio"/> 1975 to 1978</li> <li><input type="radio"/> 1970 to 1974</li> <li><input type="radio"/> 1960 to 1969</li> <li><input type="radio"/> 1950 to 1959</li> <li><input type="radio"/> 1940 to 1949</li> <li><input type="radio"/> 1939 or earlier</li> </ul>	<b>d. Oil, coal, kerosene, wood, etc.</b> \$ _____ .00 OR <input type="radio"/> Included in rent or no charge <i>Yearly cost</i> <input type="radio"/> These fuels not used	<input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9
<b>H19. When did the person listed in column 1 move into this house (or apartment)?</b> <ul style="list-style-type: none"> <li><input type="radio"/> 1979 or 1980</li> <li><input type="radio"/> 1975 to 1978</li> <li><input type="radio"/> 1970 to 1974</li> <li><input type="radio"/> 1960 to 1969</li> <li><input type="radio"/> 1950 to 1959</li> <li><input type="radio"/> 1949 or earlier</li> <li><input type="radio"/> Always lived here</li> </ul>	<b>H23. Do you have complete kitchen facilities? Complete kitchen facilities are a sink with piped water, a range or cookstove, and a refrigerator.</b> <ul style="list-style-type: none"> <li><input type="radio"/> Yes</li> <li><input type="radio"/> No</li> </ul>	<input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9
<b>H20. How are your living quarters heated?</b> <i>Fill one circle for the kind of heat used most.</i> <ul style="list-style-type: none"> <li><input type="radio"/> Steam or hot water system</li> <li><input type="radio"/> Central warm-air furnace with ducts to the individual rooms (Do not count electric heat pumps here)</li> <li><input type="radio"/> Electric heat pump</li> <li><input type="radio"/> Other built-in electric units (permanently installed in wall, ceiling, or baseboard)</li> <li><input type="radio"/> Floor, wall, or pipeless furnace</li> <li><input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene</li> <li><input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable)</li> <li><input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind</li> <li><input type="radio"/> No heating equipment</li> </ul>	<b>H24. How many bedrooms do you have?</b> <i>Count rooms used mainly for sleeping even if used also for other purposes.</i> <ul style="list-style-type: none"> <li><input type="radio"/> No bedroom</li> <li><input type="radio"/> 1 bedroom</li> <li><input type="radio"/> 2 bedrooms</li> <li><input type="radio"/> 3 bedrooms</li> <li><input type="radio"/> 4 bedrooms</li> <li><input type="radio"/> 5 or more bedrooms</li> </ul>	<input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9
<b>H21. How many bathrooms do you have?</b> <i>A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water.</i> <i>A half bathroom has at least a flush toilet or bathtub or shower, but does not have all the facilities for a complete bathroom.</i> <ul style="list-style-type: none"> <li><input type="radio"/> No bathroom, or only a half bathroom</li> <li><input type="radio"/> 1 complete bathroom</li> <li><input type="radio"/> 1 complete bathroom, plus half bath(s)</li> <li><input type="radio"/> 2 or more complete bathrooms</li> </ul>	<b>H25. How many bathrooms do you have?</b> <i>A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water.</i> <i>A half bathroom has at least a flush toilet or bathtub or shower, but does not have all the facilities for a complete bathroom.</i> <ul style="list-style-type: none"> <li><input type="radio"/> No bathroom, or only a half bathroom</li> <li><input type="radio"/> 1 complete bathroom</li> <li><input type="radio"/> 1 complete bathroom, plus half bath(s)</li> <li><input type="radio"/> 2 or more complete bathrooms</li> </ul>	<input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9
<b>H26. Do you have a telephone in your living quarters?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Yes</li> <li><input type="radio"/> No</li> </ul>	<b>H27. Do you have air conditioning?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Yes, a central air-conditioning system</li> <li><input type="radio"/> Yes, 1 individual room unit</li> <li><input type="radio"/> Yes, 2 or more individual room units</li> <li><input type="radio"/> No</li> </ul>	<input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9
<b>H28. How many automobiles are kept at home for use by members of your household?</b> <ul style="list-style-type: none"> <li><input type="radio"/> None</li> <li><input type="radio"/> 1 automobile</li> <li><input type="radio"/> 2 automobiles</li> <li><input type="radio"/> 3 or more automobiles</li> </ul>	<b>H29. How many vans or trucks of one-ton capacity or less are kept at home for use by members of your household?</b> <ul style="list-style-type: none"> <li><input type="radio"/> None</li> <li><input type="radio"/> 1 van or truck</li> <li><input type="radio"/> 2 vans or trucks</li> <li><input type="radio"/> 3 or more vans or trucks</li> </ul>	



FOR YOUR HOUSEHOLD

Page 5

Please answer H30–H32 if you live in a one-family house which you own or are buying, unless this is —

- A mobile home or trailer . . . . .
- A house on 10 or more acres . . . . .
- A condominium unit . . . . .
- A house with a commercial establishment or medical office on the property . . . . .

If any of these, or if you rent your unit or this is a multi-family structure, skip H30 to H32 and turn to page 6.

H30. What were the real estate taxes on this property last year?

\$ \_\_\_\_\_ .00 OR ☐ None

H31. What is the annual premium for fire and hazard insurance on this property?

\$ \_\_\_\_\_ .00 OR ☐ None

H32a. Do you have a mortgage, deed of trust, contract to purchase, or similar debt on this property?

☐ Yes, mortgage, deed of trust, or similar debt

☐ Yes, contract to purchase

☐ No — Skip to page 6

b. Do you have a second or junior mortgage on this property?

☐ Yes ☐ No

c. How much is your total regular monthly payment to the lender? Also include payments on a contract to purchase and to lenders holding second or junior mortgages on this property.

\$ \_\_\_\_\_ .00 OR ☐ No regular payment required — Skip to page 6

d. Does your regular monthly payment (amount entered in H32c) include payments for real estate taxes on this property?

☐ Yes, taxes included in payment

☐ No, taxes paid separately or taxes not required

e. Does your regular monthly payment (amount entered in H32c) include payments for fire and hazard insurance on this property?

☐ Yes, insurance included in payment

☐ No, insurance paid separately or no insurance

Please turn to page 6

FOR CENSUS USE ONLY

<p>①</p> <p>S.S.</p> <p>Yes</p> <p>No</p>	<p>2.</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>8</p> <p>9</p>	<p>4.</p> <p>0</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>8</p> <p>9</p>	<p>②</p> <p>S.S.</p> <p>Yes</p> <p>No</p>	<p>2.</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>8</p> <p>9</p>	<p>4.</p> <p>0</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>8</p> <p>9</p>	<p>③</p> <p>S.S.</p> <p>Yes</p> <p>No</p>	<p>2.</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>8</p> <p>9</p>	<p>4.</p> <p>0</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>8</p> <p>9</p>
<p>④</p> <p>S.S.</p> <p>Yes</p> <p>No</p>	<p>2.</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>8</p> <p>9</p>	<p>4.</p> <p>0</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>8</p> <p>9</p>	<p>⑤</p> <p>S.S.</p> <p>Yes</p> <p>No</p>	<p>2.</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>8</p> <p>9</p>	<p>4.</p> <p>0</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>8</p> <p>9</p>	<p>⑥</p> <p>S.S.</p> <p>Yes</p> <p>No</p>	<p>2.</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>8</p> <p>9</p>	<p>4.</p> <p>0</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>8</p> <p>9</p>
<p>⑦</p> <p>S.S.</p> <p>Yes</p> <p>No</p>	<p>2.</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>8</p> <p>9</p>	<p>4.</p> <p>0</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>8</p> <p>9</p>	<p>GQ.</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>8</p> <p>9</p>	<p>H30.</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>8</p> <p>9</p>	<p>H31.</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>8</p> <p>9</p>	<p>H32c.</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>8</p> <p>9</p>		

Name of Person 1 on page 2:			16. When was this person born?		22a. Did this person work at any time last week?	
Last name	First name	Middle initial	<input type="radio"/> Born before April 1965 — Please go on with questions 17-33		<input type="radio"/> Yes — Fill this circle if this person worked full time or part time. (Count part-time work such as delivering papers, or helping without pay in a family business or farm. Also count active duty in the Armed Forces.)	
11. In what State or foreign country was this person born? <i>Print the State where this person's mother was living when this person was born. Do not give the location of the hospital unless the mother's home and the hospital were in the same State.</i>			17. In April 1975 (five years ago) was this person —		<input type="radio"/> No — Fill this circle if this person did not work, or did only own housework, school work, or volunteer work.	
Name of State or foreign country; or Puerto Rico, Guam, etc.			a. On active duty in the Armed Forces?		Skip to 25	
12. If this person was born in a foreign country —			b. Attending college?		b. How many hours did this person work last week (at all jobs)? Subtract any time off; add overtime or extra hours worked.	
a. Is this person a naturalized citizen of the United States?			c. Working at a job or business?		Hours	
<input type="radio"/> Yes, a naturalized citizen <input type="radio"/> No, not a citizen <input type="radio"/> Born abroad of American parents			<input type="radio"/> Yes, full time <input type="radio"/> No <input type="radio"/> Yes, part time			
b. When did this person come to the United States to stay?			18a. Is this person a veteran of active-duty military service in the Armed Forces of the United States? <i>If service was in National Guard or Reserves only, see Instruction guide.</i>		23. At what location did this person work last week? <i>If this person worked at more than one location, print where he or she worked most last week.</i> <i>If one location cannot be specified, see Instruction guide.</i>	
<input type="radio"/> 1975 to 1980 <input type="radio"/> 1965 to 1969 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1970 to 1974 <input type="radio"/> 1960 to 1964 <input type="radio"/> Before 1950			<input type="radio"/> Yes <input type="radio"/> No — Skip to 19		a. Address (Number and street)	
13a. Does this person speak a language other than English at home?			b. Was active-duty military service during — <i>Fill a circle for each period in which this person served.</i>		If street address is not known, enter the building name, shopping center, or other physical location description.	
<input type="radio"/> Yes <input type="radio"/> No, only speaks English — Skip to 14			<input type="radio"/> May 1975 or later <input type="radio"/> Vietnam era (August 1964–April 1975) <input type="radio"/> February 1955–July 1964 <input type="radio"/> Korean conflict (June 1950–January 1955) <input type="radio"/> World War II (September 1940–July 1947) <input type="radio"/> World War I (April 1917–November 1918) <input type="radio"/> Any other time		b. Name of city, town, village, borough, etc.	
b. What is this language?			19. Does this person have a physical, mental, or other health condition which has lasted for 6 or more months and which . . .		c. Is the place of work inside the incorporated (legal) limits of that city, town, village, borough, etc.?	
(For example — Chinese, Italian, Spanish, etc.)			a. Limits the kind or amount of work this person can do at a job? . . . . .		<input type="radio"/> Yes <input type="radio"/> No, in unincorporated area	
c. How well does this person speak English?			b. Prevents this person from working at a job? . . . . .		d. County	
<input type="radio"/> Very well <input type="radio"/> Not well <input type="radio"/> Well <input type="radio"/> Not at all			c. Limits or prevents this person from using public transportation? . . . . .		e. State	
14. What is this person's ancestry? <i>If uncertain about how to report ancestry, see Instruction guide.</i>			20. If this person is a female —		f. ZIP Code	
(For example: Afro-Amer., English, French, German, Honduran, Hungarian, Irish, Italian, Jamaican, Korean, Lebanese, Mexican, Nigerian, Polish, Ukrainian, Venezuelan, etc.)			None 1 2 3 4 5 6		24a. Last week, how long did it usually take this person to get from home to work (one way)?	
			How many babies has she ever had, not counting stillbirths?		Minutes	
			Do not count her stepchildren or children she has adopted.		b. How did this person usually get to work last week? <i>If this person used more than one method, give the one usually used for most of the distance.</i>	
15a. Did this person live in this house five years ago (April 1, 1975)? <i>If in college or Armed Forces in April 1975, report place of residence there.</i>			21. If this person has ever been married —		<input type="radio"/> Car <input type="radio"/> Taxicab <input type="radio"/> Truck <input type="radio"/> Motorcycle <input type="radio"/> Van <input type="radio"/> Bicycle <input type="radio"/> Bus or streetcar <input type="radio"/> Walked only <input type="radio"/> Railroad <input type="radio"/> Worked at home <input type="radio"/> Subway or elevated <input type="radio"/> Other — Specify	
<input type="radio"/> Born April 1975 or later — Turn to next page for next person <input type="radio"/> Yes, this house — Skip to 16 <input type="radio"/> No, different house			a. Has this person been married more than once? <input type="radio"/> Once <input type="radio"/> More than once		If car, truck, or van in 24b, go to 24c. Otherwise, skip to 28.	
b. Where did this person live five years ago (April 1, 1975)?			b. Month and year of marriage? Month and year of first marriage?			
(1) State, foreign country, Puerto Rico, Guam, etc.:			(Month) (Year) (Month) (Year)			
(2) County:			c. If married more than once — Did the first marriage end because of the death of the husband (or wife)?			
(3) City, town, village, etc.:			<input type="radio"/> Yes <input type="radio"/> No			
(4) Inside the incorporated (legal) limits of that city, town, village, etc.?						
<input type="radio"/> Yes <input type="radio"/> No, in unincorporated area						

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Per. No.	11.	13b.	14.	15b.	23.	24a.					
1	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0					
2	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1					
3	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2					
4	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3					
5	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4					
6	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5					
7	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6					
8	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7					
9	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8					
0	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9					



PERSON 1 ON PAGE 2

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<p>c. When going to work <u>last week</u>, did this person usually —</p> <p><input type="radio"/> Drive alone — <i>Skip to 28</i>      <input type="radio"/> Drive others only</p> <p><input type="radio"/> Share driving      <input type="radio"/> Ride as passenger only</p> <p>d. How many people, including this person, usually rode to work in the car, truck, or van <u>last week</u>?</p> <p><input type="radio"/> 2      <input type="radio"/> 4      <input type="radio"/> 6</p> <p><input type="radio"/> 3      <input type="radio"/> 5      <input type="radio"/> 7 or more</p> <p><i>After answering 24d, skip to 28.</i></p>	<p>CENSUS USE</p> <p>21b.</p> <p>I 0 0</p> <p>1 1 1</p> <p>0 2 2</p> <p>II 3 3</p> <p>0 4 4</p> <p>III 5 5</p> <p>0 6 6</p> <p>0 7 7</p> <p>IV 8 8</p> <p>0 9 9</p>	<p>31a. Last year (1979), did this person work, even for a few days, at a paid job or in a business or farm?</p> <p><input type="radio"/> Yes      <input checked="" type="radio"/> No — <i>Skip to 31d</i></p> <p>b. How many weeks did this person work in 1979?</p> <p><i>Count paid vacation, paid sick leave, and military service.</i></p> <p>Weeks</p> <p>c. During the weeks <u>worked</u> in 1979, how many hours did this person usually work each week?</p> <p>Hours</p>	<p>CENSUS USE ONLY</p> <p>31b. 31c. 31d.</p> <p>0 0 0</p> <p>1 1 1</p> <p>2 2 2</p> <p>3 3 3</p> <p>4 4 4</p> <p>5 5 5</p> <p>6 6 6</p> <p>7 7 7</p> <p>8 8 8</p> <p>9 9 9</p>
<p>25. Was this person <u>temporarily</u> absent or on layoff from a job or business <u>last week</u>?</p> <p><input type="radio"/> Yes, on layoff</p> <p><input type="radio"/> Yes, on vacation, temporary illness, labor dispute, etc.</p> <p><input type="radio"/> No</p>	<p>22b.</p> <p>0 0</p> <p>1 1</p> <p>2 2</p> <p>3 3</p> <p>4 4</p> <p>5 5</p> <p>6 6</p> <p>7 7</p> <p>8 8</p> <p>9 9</p>	<p>d. Of the weeks <u>not worked</u> in 1979 (if any), how many weeks was this person looking for work or on layoff from a job?</p> <p>Weeks</p>	<p>32a. 32b.</p> <p>0 0 0 0</p> <p>1 1 1 1</p> <p>2 2 2 2</p> <p>3 3 3 3</p> <p>4 4 4 4</p> <p>5 5 5 5</p> <p>6 6 6 6</p> <p>7 7 7 7</p> <p>8 8 8 8</p> <p>9 9 9 9</p>
<p>26a. Has this person been looking for work during the last 4 weeks?</p> <p><input type="radio"/> Yes      <input type="radio"/> No — <i>Skip to 27</i></p> <p>b. Could this person have taken a job <u>last week</u>?</p> <p><input type="radio"/> No, already has a job</p> <p><input type="radio"/> No, temporarily ill</p> <p><input type="radio"/> No, other reasons (in school, etc.)</p> <p><input type="radio"/> Yes, could have taken a job</p>	<p>28.</p> <p>A B C</p> <p>0 0 0</p> <p>1 1 1</p> <p>2 2 2</p> <p>3 3 3</p> <p>4 4 4</p> <p>5 5 5</p> <p>6 6 6</p> <p>7 7 7</p> <p>8 8 8</p> <p>9 9 9</p>	<p>32. Income in 1979 —</p> <p><i>Fill circles and print dollar amounts.</i></p> <p><i>If net income was a loss, write "Loss" above the dollar amount.</i></p> <p><i>If exact amount is not known, give best estimate. For income received jointly by household members, see instruction guide.</i></p> <p>During 1979 did this person receive any income from the following sources?</p> <p>If "Yes" to any of the sources below — How much did this person receive for the entire year?</p>	<p>32c. 32d.</p> <p>0 0 0 0</p> <p>1 1 1 1</p> <p>2 2 2 2</p> <p>3 3 3 3</p> <p>4 4 4 4</p> <p>5 5 5 5</p> <p>6 6 6 6</p> <p>7 7 7 7</p> <p>8 8 8 8</p> <p>9 9 9 9</p>
<p>27. When did this person last work, even for a few days?</p> <p><input type="radio"/> 1980      <input type="radio"/> 1978      <input type="radio"/> 1970 to 1974</p> <p><input type="radio"/> 1979      <input type="radio"/> 1975 to 1977      <input type="radio"/> 1969 or earlier</p> <p><i>Skip to 31d</i></p>	<p>28.</p> <p>A B C</p> <p>0 0 0</p> <p>1 1 1</p> <p>2 2 2</p> <p>3 3 3</p> <p>4 4 4</p> <p>5 5 5</p> <p>6 6 6</p> <p>7 7 7</p> <p>8 8 8</p> <p>9 9 9</p>	<p>a. Wages, salary, commissions, bonuses, or tips from all jobs . . . Report amount before deductions for taxes, bonds, dues, or other items.</p> <p><input type="radio"/> Yes — \$ .00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p>	<p>32e. 32f.</p> <p>0 0 0 0</p> <p>1 1 1 1</p> <p>2 2 2 2</p> <p>3 3 3 3</p> <p>4 4 4 4</p> <p>5 5 5 5</p> <p>6 6 6 6</p> <p>7 7 7 7</p> <p>8 8 8 8</p> <p>9 9 9 9</p>
<p>28–30. Current or most recent job activity</p> <p><i>Describe clearly this person's chief job activity or business last week. If this person had more than one job, describe the one at which this person worked the most hours.</i></p> <p><i>If this person had no job or business last week, give information for last job or business since 1975.</i></p>	<p>28.</p> <p>D E F</p> <p>0 0 0</p> <p>1 1 1</p> <p>2 2 2</p> <p>3 3 3</p> <p>4 4 4</p> <p>5 5 5</p> <p>6 6 6</p> <p>7 7 7</p> <p>8 8 8</p> <p>9 9 9</p>	<p>b. Own nonfarm business, partnership, or professional practice . . . Report net income after business expenses.</p> <p><input type="radio"/> Yes — \$ .00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p>	<p>32g. 32h.</p> <p>0 0 0 0</p> <p>1 1 1 1</p> <p>2 2 2 2</p> <p>3 3 3 3</p> <p>4 4 4 4</p> <p>5 5 5 5</p> <p>6 6 6 6</p> <p>7 7 7 7</p> <p>8 8 8 8</p> <p>9 9 9 9</p>
<p>28. Industry</p> <p>a. For whom did this person work? If now on active duty in the Armed Forces, print "AF" and skip to question 31.</p> <p>(Name of company, business, organization, or other employer)</p>	<p>28.</p> <p>K L M</p> <p>0 0 0</p> <p>1 1 1</p> <p>2 2 2</p> <p>3 3 3</p> <p>4 4 4</p> <p>5 5 5</p> <p>6 6 6</p> <p>7 7 7</p> <p>8 8 8</p> <p>9 9 9</p>	<p>c. Own farm . . . Report net income after operating expenses. Include earnings as a tenant farmer or sharecropper.</p> <p><input type="radio"/> Yes — \$ .00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p>	<p>32i. 32j.</p> <p>0 0 0 0</p> <p>1 1 1 1</p> <p>2 2 2 2</p> <p>3 3 3 3</p> <p>4 4 4 4</p> <p>5 5 5 5</p> <p>6 6 6 6</p> <p>7 7 7 7</p> <p>8 8 8 8</p> <p>9 9 9 9</p>
<p>b. What kind of business or industry was this?</p> <p><i>Describe the activity at location where employed.</i></p> <p>(For example: Hospital, newspaper publishing, mail order house, auto engine manufacturing, breakfast cereal manufacturing)</p>	<p>28.</p> <p>N P Q</p> <p>0 0 0</p> <p>1 1 1</p> <p>2 2 2</p> <p>3 3 3</p> <p>4 4 4</p> <p>5 5 5</p> <p>6 6 6</p> <p>7 7 7</p> <p>8 8 8</p> <p>9 9 9</p>	<p>d. Interest, dividends, royalties, or net rental income . . . Report even small amounts credited to an account.</p> <p><input type="radio"/> Yes — \$ .00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p>	<p>32k. 32l.</p> <p>0 0 0 0</p> <p>1 1 1 1</p> <p>2 2 2 2</p> <p>3 3 3 3</p> <p>4 4 4 4</p> <p>5 5 5 5</p> <p>6 6 6 6</p> <p>7 7 7 7</p> <p>8 8 8 8</p> <p>9 9 9 9</p>
<p>c. Is this mainly — (Fill one circle)</p> <p>Manufacturing <input checked="" type="radio"/>      <input type="radio"/> Retail trade</p> <p>Wholesale trade      <input type="radio"/> Other — (agriculture, construction, service, government, etc.)</p>	<p>28.</p> <p>R S T</p> <p>0 0 0</p> <p>1 1 1</p> <p>2 2 2</p> <p>3 3 3</p> <p>4 4 4</p> <p>5 5 5</p> <p>6 6 6</p> <p>7 7 7</p> <p>8 8 8</p> <p>9 9 9</p>	<p>e. Social Security or Railroad Retirement . . .</p> <p><input type="radio"/> Yes — \$ .00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p>	<p>32m. 32n.</p> <p>0 0 0 0</p> <p>1 1 1 1</p> <p>2 2 2 2</p> <p>3 3 3 3</p> <p>4 4 4 4</p> <p>5 5 5 5</p> <p>6 6 6 6</p> <p>7 7 7 7</p> <p>8 8 8 8</p> <p>9 9 9 9</p>
<p>29. Occupation</p> <p>a. What kind of work was this person doing?</p> <p>(For example: Registered nurse, personnel manager, supervisor of order department, gasoline engine assembler, grinder operator)</p> <p>b. What were this person's most important activities or duties?</p> <p>(For example: Patient care, directing hiring policies, supervising order clerks, assembling engines, operating grinding mill)</p>	<p>29.</p> <p>U V W</p> <p>0 0 0</p> <p>1 1 1</p> <p>2 2 2</p> <p>3 3 3</p> <p>4 4 4</p> <p>5 5 5</p> <p>6 6 6</p> <p>7 7 7</p> <p>8 8 8</p> <p>9 9 9</p>	<p>f. Supplemental Security (SSI), Aid to Families with Dependent Children (AFDC), or other public assistance or public welfare payments . . .</p> <p><input type="radio"/> Yes — \$ .00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p>	<p>32o. 32p.</p> <p>0 0 0 0</p> <p>1 1 1 1</p> <p>2 2 2 2</p> <p>3 3 3 3</p> <p>4 4 4 4</p> <p>5 5 5 5</p> <p>6 6 6 6</p> <p>7 7 7 7</p> <p>8 8 8 8</p> <p>9 9 9 9</p>
<p>30. Was this person — (Fill one circle)</p> <p>Employee of private company, business, or individual, for wages, salary, or commissions . . . <input checked="" type="radio"/></p> <p>Federal government employee . . . <input type="radio"/></p> <p>State government employee . . . <input type="radio"/></p> <p>Local government employee (city, county, etc.) . . . <input type="radio"/></p> <p>Self-employed in own business, professional practice, or farm —</p> <p>Own business not incorporated . . . <input type="radio"/></p> <p>Own business incorporated . . . <input type="radio"/></p> <p>Working without pay in family business or farm . . . <input type="radio"/></p>	<p>29.</p> <p>X Y Z</p> <p>0 0 0</p> <p>1 1 1</p> <p>2 2 2</p> <p>3 3 3</p> <p>4 4 4</p> <p>5 5 5</p> <p>6 6 6</p> <p>7 7 7</p> <p>8 8 8</p> <p>9 9 9</p>	<p>g. Unemployment compensation, veterans' payments, pensions, alimony or child support, or any other sources of income received regularly . . .</p> <p><i>Exclude lump-sum payments such as money from an inheritance or the sale of a home.</i></p> <p><input type="radio"/> Yes — \$ .00</p> <p><input type="radio"/> No (Annual amount — Dollars)</p>	<p>32q. 32r.</p> <p>0 0 0 0</p> <p>1 1 1 1</p> <p>2 2 2 2</p> <p>3 3 3 3</p> <p>4 4 4 4</p> <p>5 5 5 5</p> <p>6 6 6 6</p> <p>7 7 7 7</p> <p>8 8 8 8</p> <p>9 9 9 9</p>
<p>31. What was this person's total income in 1979?</p> <p><i>Add entries in questions 32a through g; subtract any losses.</i></p> <p><i>If total amount was a loss, write "Loss" above amount.</i></p> <p>\$ .00</p> <p>(Annual amount — Dollars)</p> <p>OR <input type="radio"/> None</p>	<p>31.</p> <p>0 0 0</p> <p>1 1 1</p> <p>2 2 2</p> <p>3 3 3</p> <p>4 4 4</p> <p>5 5 5</p> <p>6 6 6</p> <p>7 7 7</p> <p>8 8 8</p> <p>9 9 9</p>	<p>32. What was this person's total income in 1979?</p> <p><i>Add entries in questions 32a through g; subtract any losses.</i></p> <p><i>If total amount was a loss, write "Loss" above amount.</i></p> <p>\$ .00</p> <p>(Annual amount — Dollars)</p> <p>OR <input type="radio"/> None</p>	<p>32s. 32t.</p> <p>0 0 0 0</p> <p>1 1 1 1</p> <p>2 2 2 2</p> <p>3 3 3 3</p> <p>4 4 4 4</p> <p>5 5 5 5</p> <p>6 6 6 6</p> <p>7 7 7 7</p> <p>8 8 8 8</p> <p>9 9 9 9</p>

→ Please turn to the next page and answer the questions for Person 2 on page 2





## Appendix F.—Publication and Computer Tape Program

GENERAL . . . . .	F-1	PUBLICATIONS—Con.	
PUBLICATIONS . . . . .	F-1	HC80-5, Volume 5, Residen-	
Population and Housing Census		tial Finance . . . . .	F-4
Reports . . . . .	F-1	HC80-S1-1, Supplementary	
PHC80-1, Block Statistics . . .	F-1	Reports . . . . .	F-4
PHC80-2, Census Tracts . . .	F-2	Evaluation and Reference	
PHC80-3, Summary Charac-		Reports . . . . .	F-4
teristics for Governmental		PHC80-E, Evaluation and	
Units and Standard Metro-		Research Reports. . . . .	F-4
politan Statistical Areas . . .	F-2	PHC80-R, Reference Reports.	F-4
PHC80-4, Congressional		PHC80-R1, Users' Guide. .	F-4
Districts of the 98th		PHC80-R2, History . . . .	F-4
Congress . . . . .	F-2	PHC80-R3, Alphabetical	
PHC80-S1-1, Provisional		Index of Industries and	
Estimates of Social, Eco-		Occupations . . . . .	F-4
nomical, and Housing		PHC80-R4, Classified	
Characteristics. . . . .	F-2	Index of Industries and	
PHC80-S2, Advance Esti-		Occupations . . . . .	F-4
mates of Social, Economic,		PHC80-R5, Geographic	
and Housing Characteristics .	F-2	Identification Code	
Population Census Reports . . .	F-2	Scheme . . . . .	F-4
PC80-1, Volume 1, Charac-		COMPUTER TAPES . . . . .	F-4
teristics of the Population . .	F-2	Summary Tape Files . . . . .	F-4
PC80-1-A, Chapter A, Num-		STF 1 . . . . .	F-4
ber of Inhabitants . . . . .	F-2	STF 2 . . . . .	F-4
PC80-1-B, Chapter B, General		STF 3 . . . . .	F-4
Population Characteristics . .	F-2	STF 4 . . . . .	F-5
PC80-1-C, Chapter C, General		STF 5 . . . . .	F-5
Social and Economic		Other Computer Tape Files . . .	F-5
Characteristics. . . . .	F-3	P.L. 94-171, Population	
PC80-1-D, Chapter D,		Counts. . . . .	F-5
Detailed Population		Master Area Reference Files	
Characteristics. . . . .	F-3	1 and 2 (MARF) . . . . .	F-5
PC80-2, Volume 2, Subject		Geographic Base File/Dual	
Reports . . . . .	F-3	Independent Map Encoding	
PC80-S1, Supplementary		(GBF/DIME). . . . .	F-5
Reports . . . . .	F-3	Public-Use Microdata	
Housing Census Reports . . . .	F-3	Samples. . . . .	F-5
HC80-1, Volume 1, Charac-		Census/EEO Special File. . . .	F-5
teristics of Housing Units . .	F-3	MAPS . . . . .	F-5
HC80-1-A, Chapter A,		MICROFICHE . . . . .	F-5
General Housing		STF 1 Microfiche . . . . .	F-5
Characteristics. . . . .	F-3	STF 3 Microfiche . . . . .	F-5
HC80-1-B, Chapter B,		P.L. 94-171 Counts Microfiche. .	F-5
Detailed Housing			
Characteristics. . . . .	F-3		
HC80-2, Volume 2, Metro-			
politan Housing			
Characteristics. . . . .	F-3		
HC80-3, Volume 3, Subject			
Reports . . . . .	F-3		
HC80-4, Volume 4, Compo-			
nents of Inventory Change. .	F-3		

### GENERAL

The results of the 1980 Census of Population and Housing are issued in three forms: printed reports, computer tape

files, and microfiche. Most of the reports listed are issued on a flow basis through 1983. A few may be issued later, such as Subject Reports and Evaluation and Reference Reports.

The publications of the 1980 census are released under three subject titles: *1980 Census of Population and Housing*, *1980 Census of Population*, and *1980 Census of Housing*. The description of the publication program below is organized in sections, by census title, followed by the reports under each title. It should be noted that a number of population census reports contain some housing data and a number of housing census reports contain some population data. Following the description of the publication program are sections on computer tapes, maps, and microfiche.

The data product descriptions include listings of geographic areas for which data are summarized in that product. Note that the term "place" refers to incorporated places and census designated (or unincorporated) places, as well as towns and townships in 11 States (the 6 New England States, the 3 Middle Atlantic States, Michigan, and Wisconsin).

Order forms for these materials are available, subject to availability of the data product, from Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233; Census Bureau Regional Offices; U.S. Department of Commerce District Offices; and State Data Centers. After issuance, census reports are on file in many libraries and are available for examination at any Department of Commerce District Office or Census Bureau Regional Office.

### PUBLICATIONS

#### Population and Housing Census Reports

**PHC80-1, Block Statistics**—These reports, which are issued on microfiche rather



than in print form, present population and housing unit totals and statistics on selected characteristics which are based on complete-count tabulations. Data are shown for blocks in urbanized areas and selected adjacent areas, for blocks in places of 10,000 or more inhabitants, and for blocks in areas which contracted with the Census Bureau to provide block statistics.

The set of reports consists of 374 sets of microfiche and includes a report for each standard metropolitan statistical area (SMSA), showing blocked areas within the SMSA, and a report for each State and for Puerto Rico, showing blocked areas outside SMSA's. In addition to microfiche, printed detailed maps showing the blocks covered by the particular report are available as well as a U.S. Summary, which is an index to the set.

**PHC80-2, Census Tracts**—Statistics for most of the population and housing subjects included in the 1980 census are presented for census tracts in SMSA's and in other tracted areas. Both complete-count data and sample data are included. Most statistics are presented by race and Spanish origin for areas with at least a specified number of persons in the relevant population group.

There is one report for each SMSA, as well as one for each of the States and Puerto Rico which have tracted areas outside SMSA's. In addition, maps showing the boundaries and identification numbers of census tracts in the SMSA are available as well as a U.S. Summary, which is an index to the set and also provides a historical listing of the total number of tracts by area.

**PHC80-3, Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas**—Statistics are presented on total population and on complete-count and sample population characteristics such as age, race, education, disability, ability to speak English, labor force, and income, and on total housing units and housing characteristics such as value, age of structure, and rent. These statistics are shown for the following areas or their equivalents: States, SMSA's, counties, county subdivisions (those which are functioning general-purpose local governments), and incorporated places.

There is one report for each State, the District of Columbia, and Puerto Rico.

This series does not include a U.S. Summary.

**PHC80-4, Congressional Districts of the 98th Congress**—These reports present complete-count and sample data for congressional districts of the 98th Congress. The reports reflect redistricting based on the 1982 elections. One report is issued for each of the 50 States and the District of Columbia.

**PHC80-S1-1, Provisional Estimates of Social, Economic, and Housing Characteristics**—This report presents provisional estimates based on sample data collected in the 1980 census. Data on social, economic, and housing characteristics are shown for the United States as a whole, each State, the District of Columbia, and SMSA's of 1 million or more inhabitants.

These data are based on a special subsample of the full census sample. The sample, which represents about 1.6 percent of the total population, was developed to provide users with initial data on characteristics of the population and housing units for the Nation and large areas.

**PHC80-S2, Advance Estimates of Social, Economic, and Housing Characteristics**—These reports present advance sample data from the 1980 census including such social and economic characteristics of the population as education, migration, labor force, and income as well as housing characteristics such as structural information, mortgage, and gross rent.

The set consists of 50 paperbound reports and includes one report for each State and the District of Columbia. No report will be issued for the United States as a whole.

Each report presents population and housing characteristics for the State, its counties or comparable areas, and places of 25,000 or more inhabitants. Selected data are shown for four race groups (White; Black; combined American Indian, Eskimo, and Aleut; and Asian and Pacific Islander) as well as for persons of Spanish origin.

### Population Census Reports

**PC80-1, Volume 1, Characteristics of the Population**—This volume presents final

population counts and statistics on population characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands, and the remainder of the Trust Territory of the Pacific Islands. The volume consists of four chapters for each area, chapters A, B, C, and D. Chapters A and B present data collected on a complete-count basis, and chapters C and D present estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The population totals presented in chapters A and B may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Chapters B, C, and D present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A, B, C, and D.

**PC80-1-A, Chapter A, Number of Inhabitants**—Final population counts are shown for the following areas or their equivalents: States, counties, county subdivisions, incorporated places and census designated places, standard consolidated statistical areas (SCSA's), SMSA's, and urbanized areas. Selected tables contain population counts by urban and rural residence. Many tables contain population counts from previous censuses.

**PC80-1-B, Chapter B, General Population Characteristics**—Statistics on household relationship, age, race, Spanish origin, sex, and marital status are shown for the following areas or their equivalents: States, counties (by total and rural residence), county subdivisions, places of 1,000 or more inhabitants, SCSA's,



SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

**PC80-1-C, Chapter C, General Social and Economic Characteristics**—Statistics are presented on nativity, State or country of birth, citizenship and year of immigration for the foreign-born population, language spoken at home and ability to speak English, ancestry, fertility, family composition, type of group quarters, marital history, residence in 1975, journey to work, school enrollment, years of school completed, disability, veteran status, labor force status, occupation, industry, class of worker, labor force status in 1979, income in 1979, and poverty status in 1979. In addition, data on subjects shown in the PC80-1-B reports are presented in this report in more detail.

Each subject is shown for some or all of the following areas or their equivalents: States, counties (by rural and rural-farm residence), places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

**PC80-1-D, Chapter D, Detailed Population Characteristics**—Statistics on most of the subjects covered in the PC80-1-C reports are presented in this report in considerably greater detail and cross-classified by age, race, Spanish origin, and other characteristics. Each subject is shown for the State or equivalent area, and some subjects are also shown for rural residence at the State level. Most subjects are shown for SMSA's of 250,000 or more inhabitants, and a few are shown for central cities of these SMSA's.

**PC80-2, Volume 2, Subject Reports**—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. A few reports show statistics for States, SMSA's, large cities, American Indian reservations, or Alaska Native villages. Separate reports are issued on such subjects as racial and ethnic groups, type of residence, fertility, families, marital status, migration, education, employment, occupation, industry, journey to work, income, poverty status, and other topics.

**PC80-S1, Supplementary Reports**—These reports present special compilations of

1980 census statistics dealing with specific population subjects.

## Housing Census Reports

**HC80-1, Volume 1, Characteristics of Housing Units**—This volume presents final housing unit counts and statistics on housing characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of two chapters for each area, chapters A and B. Chapter A presents data collected on a complete-count basis, and chapter B presents estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The housing totals presented in this report may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Both chapters present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A and B.

**HC80-1-A, Chapter A, General Housing Characteristics**—Statistics on units at address, tenure, condominium status, number of rooms, persons per room, plumbing facilities, value, contract rent, and vacancy status are shown for some or all of the following areas or their equivalents: States, counties, county subdivisions, places of 1,000 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables contain housing characteristics by urban and rural residence.

**HC80-1-B, Chapter B, Detailed Housing Characteristics**—Statistics on units in structure, year moved into unit, year structure built, heating equipment, fuels, air-conditioning, source of water, sewage disposal, gross rent, and selected monthly ownership costs are shown for some or all of the following areas or their equivalents: States, counties, places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables show housing characteristics for rural and rural farm residence at the State and county level. Some subjects included in the HC80-1-A reports are also covered in this report in more detail.

**HC80-2, Volume 2, Metropolitan Housing Characteristics**—This volume presents statistics on most of the 1980 housing census subjects in considerable detail and cross-classification. Most statistics are presented by race and Spanish origin for areas with at least a specified number of the relevant population group. Data are shown for States or equivalent areas, SMSA's and their central cities, and other cities of 50,000 or more inhabitants.

There is one report for each SMSA and one report for each State and Puerto Rico. The set includes a U.S. Summary report showing these statistics for the United States and regions.

**HC80-3, Volume 3, Subject Reports**—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. Separate reports are issued on housing of the elderly, mobile homes, and American Indian households.

**HC80-4, Volume 4, Components of Inventory Change**—This volume consists of two reports presenting statistics on the 1980 characteristics of housing units which existed in 1973, as well as on newly constructed units, conversions, mergers, demolitions, and other additions and losses to the housing inventory between 1973 and 1980. These reports present data derived from a sample survey conducted in the fall of 1980. Data are presented for the United States and regions in report I. Report II has two parts: Part A presents data for that group of SMSA's (not individually identified)



with populations of 1 million or more at the time of the 1970 census, and part B presents data for that group of SMSA's (not individually identified) with populations of less than 1 million at the time of the 1970 census.

### **HC80-5, Volume 5, Residential Finance—**

This volume consists of one report presenting statistics on the financing of non-farm homeowner and rental and vacant properties, including characteristics of the mortgage, property, and owner. The statistics are based on a sample survey conducted in the spring of 1981. Data are presented for the United States and regions. Some data are presented by inside and outside SMSA's and by central cities.

### **HC80-S1-1, Supplementary Reports—**

These reports present statistics from the 1980 Census of Housing on general characteristics of housing units for the 50 States and the District of Columbia, counties, and independent cities.

## **Evaluation and Reference Reports**

**PHC80-E, Evaluation and Research Reports—**These reports present the results of the extensive evaluation program conducted as an integral part of the 1980 census. This program relates to such matters as completeness of enumeration and quality of the data on characteristics.

**PHC80-R, Reference Reports—**These reports present information on the various administrative and methodological aspects of the 1980 census. The series includes:

**PHC80-R1, Users' Guide—**This report covers subject content, procedures, geography, statistical products, limitations of the data, sources of user assistance, notes on data use, a glossary of terms, and guides for locating data in reports and tape files. The guide is issued in loose-leaf form and sold in parts (R1-A, B, etc.) as they are printed.

**PHC80-R2, History—**This report describes in detail all phases of the 1980 census, from the earliest planning through all stages to the dissemination of data and evaluation of results. It contains detailed discussion of 1980 census questions and their use in previous decennial censuses.

**PHC80-R3, Alphabetical Index of Industries and Occupations—**This report was developed primarily for use in classifying responses to the questions on the kind of business (industry) and kind of work (occupation) in which the respondent is engaged. The index lists approximately 20,000 industry and 29,000 occupation titles in alphabetical order.

**PHC80-R4, Classified Index of Industries and Occupations—**This report defines the industrial and occupational classification systems adopted for the 1980 Census of Population. It presents the individual titles that constitute each of the 231 industry and 503 occupation categories in the classification systems. The individual titles are the same as those shown in the Alphabetical Index. The 1980 occupation classification reflects the new U.S. Standard Occupational Classification (SOC). As in the past, the 1980 industry classification reflects the Standard Industrial Classification (SIC).

**PHC80-R5, Geographic Identification Code Scheme—**This report identifies the names and related geographic codes for each State, county, minor civil division, place, region, division, SCSA, SMSA, American Indian reservation, and Alaska Native village for which the Census Bureau tabulated data from the 1980 census.

## **COMPUTER TAPES**

### **Summary Tape Files**

In addition to the printed and microfiche reports, results of the 1980 census also are provided on computer tape in the form of summary tape files (STF's). These data products have been designed to provide statistics with greater subject and geographic detail than is feasible or desirable to provide in printed and microfiche reports. The STF data are made available at nominal cost. The data are subject to suppression of certain detail where necessary to protect confidentiality.

There are five STF's (listed below), and the amount of geographic and subject detail presented varies. STF's 1 and 2 contain complete-count data, and STF's 3, 4, and 5 contain sample data. Note that the term "cells" used below refers

to the number of subject statistics provided for each geographic area, and the number of cells is indicative of the detail of the subject content of the file.

Each of the STF's generally consists of two or more files which provide different degrees of geographic detail and, in some cases, race/Spanish origin cross-classification. For each of the files there is a separate tape or tapes for each State, the District of Columbia, and Puerto Rico. Selected files (STF 1 and STF 3) are also produced for Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. These tapes are issued on a State-by-State basis and are followed by a national summary tape for the particular file. More complete descriptions of the STF's than given in the summaries below can be found in the technical documentation of the specific file and in the PHC80-R1, *Users' Guide*.

**STF 1—**This STF provides 321 cells of complete-count population and housing data. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, congressional districts, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and blocks and block groups in blocked areas. The data include those shown in the PHC80-1, PHC80-3 (complete-count), and PC80-1-A reports.

**STF 2—**This STF contains 2,292 cells of detailed complete-count population and housing data, of which 962 are repeated for each race and Spanish origin group present in the tabulation area. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, counties, county subdivisions, places of 1,000 or more inhabitants, census tracts, American Indian reservations, and Alaska Native villages. The data include those shown in the PHC80-2 (complete-count), PC80-1-B, and HC80-1-A reports.

**STF 3—**This STF contains 1,126 cells of data on various population and housing subjects collected on a sample basis. The areas covered are the same as in STF 1, excluding blocks. The data include those shown in the PHC80-3 (sample) reports.



**STF 4**—This STF is the geographic counterpart of STF 2, but the number of cells of data is greater (approximately 3,400). STF 4 provides data covering virtually all of the population and housing subjects collected on a sample basis, as well as some of the complete-count subjects. Some of the statistics are repeated for race, Spanish origin, and ancestry groups. Data are summarized for areas similar to those shown in STF 2, except that data for places are limited to those with 2,500 or more inhabitants. The data include those shown in the PHC80-2 (sample), PC80-1-C, and HC80-1-B reports.

**STF 5**—This STF contains over 100,000 cells of data on various population and housing subjects collected on a sample basis and provides detailed tabulations and cross-classifications for States, SMSA's, counties, cities of 50,000 or more inhabitants and central cities. Most subjects are classified by race and Spanish origin. The data include those shown in the PC80-1-D and HC80-2 reports.

## Other Computer Tape Files

**P.L. 94-171, Population Counts**—In accordance with Public Law (P.L.) 94-171, the Census Bureau provides population tabulations to all States for legislative reapportionment/redistricting. The file is issued on a State-by-State basis. It contains population counts classified by race and Spanish origin. The data are tabulated for the following levels of geography as applicable: States, counties, county subdivisions, incorporated places, census tracts, blocks and block groups in blocked areas, and enumeration districts in unblocked areas. For States participating in the voluntary program to define election precincts in conjunction with the Census Bureau, the data are also tabulated for election precincts.

## Master Area Reference Files 1 and 2 (MARF)

**MARF 1**—This geographic reference file is an extract of STF 1 designed for those who require a master list of geographic codes and areas, along with basic census counts arranged hierarchically from the State down to the block group and enumeration district levels and is issued on a State-by-State basis. The file contains records for States, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and block groups in blocked areas. Each record shows the total population by five race groups, population of Spanish origin, number of housing units, number of households, number of families, and a few other items.

**MARF 2**—This file is the same as the MARF 1 with the latitude and longitude coordinates for a representative point (centroid) in each block group (BG) or enumeration district (ED) outside block numbered areas.

**Geographic Base File/Dual Independent Map Encoding (GBF/DIME)**—These files are computer representations of the Metropolitan Map Series, including address ranges and ZIP Codes, which generally cover the urbanized portions of SMSA's. GBF/DIME files are used to assign census geographic codes to addresses (geocoding). The files are available by SMSA.

**Public-Use Microdata Samples**—Public-use microdata samples are computerized files containing most population and housing characteristics as shown on a sample of individual census records. These files contain no names or addresses, and geographic identification is sufficiently broad to protect confidentiality.

There are three mutually exclusive samples, the A sample including 5 percent of all persons and housing units, and the

B and C samples each including 1 percent of all persons and housing units. States and most large SMSA's will be identifiable on one or more of the files. Microdata files allow the user to prepare customized tabulations.

**Census/EEO Special File**—This file provides sample census data with specified relevance to EEO and affirmative action uses. The file contains two tabulations, one with detailed occupational data and the other with years of school completed by age. The data in both tabulations are crossed by sex, race, and Spanish origin. These data are provided for all counties, for all SMSA's, and for places with a population of 50,000 or more.

## MAPS

Maps necessary to define areas are generally published and included as part of the corresponding reports. Maps are published for Block Statistics (PHC80-1) and Census Tracts (PHC80-2), but must be purchased separately from the report. Maps necessary to define enumeration districts are available on a cost-of-reproduction basis.

## MICROFICHE

Some of the computer tape products are available on microfiche. The STF microfiche are issued for each State or Area and for the United States. These include:

**STF 1 Microfiche**—Data from STF 1 are presented in tabular form for all the STF 1 geographic levels described previously, except blocks.

**STF 3 Microfiche**—Data from STF 3 are presented in tabular form for all the STF 3 geographic levels.

**P.L. 94-171 Counts Microfiche**—The data from the P.L. 94-171 computer file are presented in a listing format.

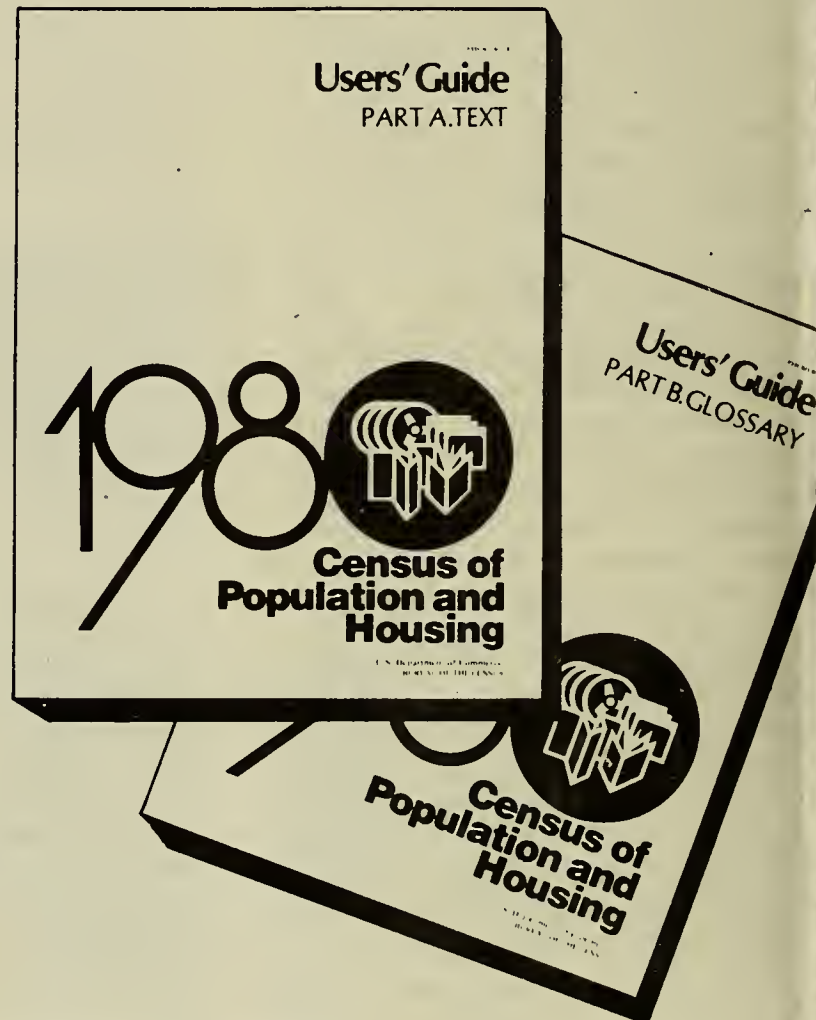
# 1980 Census of Population and Housing

## Users' Guide

The Users' Guide, a reference work on the 1980 census, is now available. It consists of:

- **Part A. Text**—Covers census data subjects; geographic considerations; reports, tapes, maps, and other products; services available to users; and many other topics central to understanding and using 1980 census data.
- **Part B. Glossary**—Provides detailed definitions of population, housing, geographic, and technical terms associated with the census—especially important for people using 1980 data on tape or microfiche.
- **Sources of Assistance**—Furnishes addresses and phone numbers of public and private sector organizations offering a variety of products and services, such as tape processing, area profiles, training, and reference assistance.
- **Updates**—Provide information on new developments relating to the 1980 census. Each update is keyed to the particular point in "Part A. Text" that needs revision.

Part C, a table finder, and Part D, a guide to tape contents, are planned for publication later.



Order from Superintendent of Documents, Government Printing Office, Washington, D.C. 20402. Specify the stock number (S/N) given below and make checks payable to Superintendent of Documents.

Part A. Text (S/N 003-024-03625-8)—\$5.50. Supplement 1 (S/N 003-024-05004-8)—\$6.00 (includes Part B. Glossary, Sources of Assistance, and Updates)



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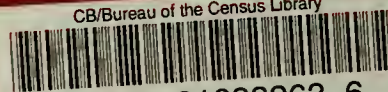








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